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# **Oak Valley North Specific Plan**

## **MOBILE SOURCE HEALTH RISK ASSESSMENT**

### **CITY OF CALIMESA**

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## **LIST OF ABBREVIATED TERMS**

(1)	Reference
µg	Microgram
AERMOD	American Meteorological Society/Environmental Protection Agency Regulatory Model
APS	Auxiliary Power System
AQMD	Air Quality Management District
ARB	Air Resources Board
ASF	Age Sensitivity Factor
CEQA	California Environmental Quality Act
CNS/PNS	Central Nervous System/Peripheral Nervous System
CPF	Cancer Potency Factor
CV/BL	Cardiovascular/Blood System
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
IMMUN	Immune System
KIDN	Kidney
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
PA	Planning Area
PM <sub>10</sub>	Particulate Matter 10 microns in diameter or less
Project	Oak Valley North Specific Plan
REL	Reference Exposure Level
REPRO	Reproductive System
RESP	Respiratory System
RfD	Reference Dose
RM	Recommended Measures

SCAQMD	South Coast Air Quality Management District
SRA	Source Receptor Area
TAC	Toxic Air Contaminant
TA	Traffic Analysis
URF	Unit Risk Factor
UTM	Universal Transverse Mercator
VMT	Vehicle Miles Traveled

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## EXECUTIVE SUMMARY

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

The results of the health risk assessment from Project-generated DPM emissions are provided in Table ES-1 through ES-5 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 33 feet southeast of the Project site at the Calimesa Mobile Home Park at 10320 Calimesa Boulevard. Since there are no private outdoor living areas (backyards) facing the Project site, R7 is placed at the building façade. At the maximally exposed individual receptor (MEIR), the maximum incremental cancer risk attributable to Project construction-source DPM emissions is estimated at 4.58 in one million, which is less than the SCAQMD's significance threshold of 10 in one million. At this same location, non-cancer risks were estimated to be <0.01, which would not exceed the applicable threshold of 1.0. Location R7 is the nearest receptor to the Project site and would experience the highest concentrations of DPM during Project construction due to its proximity 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.

Because DPM emissions associated with construction activities would not differ significantly under Scenarios 1, 2, or 3, risk to nearby receptors as a result of Project construction activities would not differ significantly under each of the three scenarios.

### OPERATIONAL IMPACTS

#### Residential Exposure Scenario:

The analysis evaluated the potential health risk impacts associated with DPM generated by heavy duty trucks accessing PA 1 for each scenario. Scenarios 1 and 3 would result in identical emissions and health risk impacts as the land uses on PA 1 are identical under these scenarios. Project operational activities to nearby existing residents, as well as potential future residents within the Holly Hills Specific Plan and on-site residents located within PA 2.

The existing residential land use with the greatest potential exposure to Project operational-source DPM emissions is Location R6 which is located approximately 37 feet southeast of the Project site at the Calimesa Mobile Home Park at 10320 Calimesa Boulevard. Because there are

no private outdoor living areas (backyards) facing the Project site, R6 is placed at the building façade. At the existing MEIR, the maximum incremental cancer risk attributable to Project operational-source DPM emissions is estimated at 3.37 in one million under Scenarios 1 and 3, and 4.29 in one million under Scenario 2, which are less than the SCAQMD's significance threshold of 10 in one million. At this same location, non-cancer risks were estimated to be <0.01 under all scenarios, which would not exceed the applicable significance threshold of 1.0. Location R6 is the nearest receptor to the Project site and would experience the highest concentrations of DPM during Project operation due to its proximity meteorological conditions at the site. Because all other modeled receptors are located at a greater distance than the MEIR analyzed herein, and DPM dissipates with distance from the source, all other receptors in the vicinity of the Project would be exposed to less emissions and therefore less risk than the MEIR identified herein. As such, the Project will not cause a significant human health or cancer risk to adjacent land uses as a result of Project construction activity. All other receptors during operational activity would experience less risk than what is identified for this location. Tables ES-2 and ES-3 present the operational cancer risk for the evaluated scenarios at the maximally exposed existing, future, and on-site residential receptors. The modeled receptors are illustrated on Exhibit 2-D.

#### Worker Exposure Scenario<sup>1</sup>:

The worker receptor land use with the greatest potential exposure to Project operational -source DPM emissions is Location R11, which represents the potential worker receptor located approximately 2,194 feet south of the Project site. At the maximally exposed individual worker (MEIW), the maximum incremental cancer risk impact is 0.05 in one million under Scenarios 1 and 3 and 0.08 in one million under Scenario 2, 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 under all scenarios, which would not exceed the applicable significance threshold of 1.0. Because all other modeled worker receptors are located at a greater distance than the MEIW analyzed herein, and DPM dissipates with distance from the source, all other worker receptors in the vicinity of the Project would be exposed to less emissions and therefore less risk than the MEIW identified herein. As such, the Project will not cause a significant human health or cancer risk to adjacent workers. The modeled receptors are illustrated on Exhibit 2-D.

#### School Child Exposure Scenario:

The nearest school is the Early Learning Academy, located approximately 344 feet northwest of the Project site and represented by Location R1. The maximally exposed individual school child (MEISC) is the school receptor that would experience the highest modeled concentrations of DPM, and thus the highest risk. At the MEISC, the maximum incremental cancer risk impact attributable to the Project is calculated to be 0.35 in one million under Scenarios 1 and 3 and 0.57 in one million under Scenario 2, 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

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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.

under all scenarios, 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. As such, the Project will not cause a significant human health or cancer risk to nearby school children.

**On-Site Residential Exposure Scenario:**

The analysis evaluated the potential health risk impacts associated with DPM generated by heavy duty trucks accessing PA 1 to on-site residential receptors that would be constructed on PA 2 under Scenarios 1 and 2. Because on-site receptors would not be present at the time of Project construction activities, the analysis only considers potential impacts to on-site receptors resulting from operation of the proposed Project. The on-site receptor with the greatest potential exposure to Project operational emissions is Location ON2. At the on-site MEIR, the maximum incremental cancer risk attributable to Project operational-source DPM emissions is estimated at 3.89 in one million under Scenario 1 and 7.27 in one million under Scenario 2, which are less than the SCAQMD's significance threshold of 10 in one million. At this same location, non-cancer risks were estimated to be <0.01 under all scenarios, which would not exceed the applicable significance threshold of 1.0.

**CONSTRUCTION AND OPERATIONAL IMPACTS**

The land use with the greatest potential exposure to Project construction-source and operational-source DPM emissions is Location R6. At the MEIR, the maximum incremental cancer risk attributable to Project construction-source and operational-source DPM emissions is estimated at 6.70 in one million under Scenarios 1 and 3, and 7.16 in one million under Scenario 2, which is less than the threshold of 10 in one million. At this same location, non-cancer risks were estimated to be <0.01 under all scenarios, 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 nearby residences. The modeled receptors are illustrated on Exhibit 2-D.

**TABLE ES-1: SUMMARY OF CONSTRUCTION CANCER AND NON-CANCER RISKS – ALL SCENARIOS**

Time Period	Location	Maximum Lifetime Cancer Risk (Risk per Million)	Significance Threshold (Risk per Million)	Exceeds Significance Threshold
2.24 Year Exposure	Maximum Exposed Sensitive Receptor (Location R7)	4.58	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 – SCENARIOS 1 AND 3**

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 (Existing, Location R6)	3.37	10	NO
30 Year Exposure	Maximum Exposed Sensitive Receptor (Future, Location FUT1)	1.56	10	NO
30 Year Exposure	Maximum Exposed Sensitive Receptor (On-Site, Location ON2)	3.89	10	NO
25 Year Exposure	Maximum Exposed Worker Receptor (Location R11)	0.05	10	NO
9 Year Exposure	Maximum Exposed Individual School Child (Location R1)	0.35	10	NO
Time Period	Location	Maximum Hazard Index	Significance Threshold	Exceeds Significance Threshold
Annual Average	Maximum Exposed Sensitive Receptor (Existing, Location R6)	<0.01	1.0	NO
Annual Average	Maximum Exposed Sensitive Receptor (Future, Location FUT1)	<0.01	1.0	NO
Annual Average	Maximum Exposed Sensitive Receptor (On-Site, Location ON2)	<0.01	1.0	NO
Annual Average	Maximum Exposed Worker Receptor (Location R11)	<0.01	1.0	NO
Annual Average	Maximum Exposed Individual School Child (Location R1)	<0.01	1.0	NO

**TABLE ES-3: SUMMARY OF OPERATIONAL CANCER AND NON-CANCER RISKS – SCENARIO 2**

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 (Existing, Location R6)	4.29	10	NO
30 Year Exposure	Maximum Exposed Sensitive Receptor (Future, Location FUT1)	2.06	10	NO
30 Year Exposure	Maximum Exposed Sensitive Receptor (On-Site, Location ON2)	7.27	10	NO
25 Year Exposure	Maximum Exposed Worker Receptor (Location R11)	0.08	10	NO
9 Year Exposure	Maximum Exposed Individual School Child (Location R1)	0.57	10	NO

Time Period	Location	Maximum Hazard Index	Significance Threshold	Exceeds Significance Threshold
Annual Average	Maximum Exposed Sensitive Receptor (Existing, Location R6)	<0.01	1.0	NO
Annual Average	Maximum Exposed Sensitive Receptor (Future, Location FUT1)	<0.01	1.0	NO
Annual Average	Maximum Exposed Sensitive Receptor (On-Site, Location ON2)	<0.01	1.0	NO
Annual Average	Maximum Exposed Worker Receptor (Location R11)	<0.01	1.0	NO
Annual Average	Maximum Exposed Individual School Child (Location R1)	<0.01	1.0	NO

**TABLE ES-4: SUMMARY OF CONSTRUCTION AND OPERATIONAL CANCER AND NON-CANCER RISKS – SCENARIOS 1 AND 3**

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 R6)	6.70	10	NO
Time Period	Location	Maximum Hazard Index	Significance Threshold	Exceeds Significance Threshold
Annual Average	Maximum Exposed Sensitive Receptor (Location R6)	<0.01	1.0	NO

**TABLE ES-5: SUMMARY OF CONSTRUCTION AND OPERATIONAL CANCER AND NON-CANCER RISKS – SCENARIO 2**

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 R6)	7.16	10	NO
Time Period	Location	Maximum Hazard Index	Significance Threshold	Exceeds Significance Threshold
Annual Average	Maximum Exposed Sensitive Receptor (Location R6)	<0.01	1.0	NO



# 1 INTRODUCTION

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

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

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

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

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

## 1.1 SITE LOCATION

The proposed Project is located south of Singleton Road at Calimesa Boulevard in the City of Calimesa, as shown on Exhibit 1-A. The Project site is mostly vacant and undeveloped. The area surrounding the Project includes existing single-family residences represented by the Sharondale Senior Community to the north, the proposed Holly Hillis Specific Plan residential land use located

to the northeast, and the Rancho Calimesa Mobile Home Park to the southeast. The Project site is located north and east of Calimesa Boulevard and the I-10 Freeway.

## 1.2 PROJECT DESCRIPTION

The conceptual Project site plan shown on Exhibit 1-B is located south of Singleton Road at Calimesa Boulevard in the City of Calimesa. The proposed Project consists of four warehouse buildings, two truck trailer parking lots within Planning Area (PA) 1 and multi-family residential land use within PA 2. However, a church may be developed in PA 2 instead of the multi-family residential.

Within Planning Area 1 (PA 1), the four warehouse buildings are evaluated in terms of average weekday commute periods. These two scenarios are labeled the “PA 1 High-Cube Warehouse and Truck/Trailer Lot”, the “Project Scenario 2” and the “PA1 Parcel Hub Warehouse and Truck/Trailer Lot” consistent with the Oak Valley North Specific Plan Traffic Analysis prepared by Urban Crossroads, Inc. (3). Within PA 2, 223 multi-family residential units are included. However, a church facility may be developed in PA 2 instead of the multi-family residential. A third scenario is therefore included to specifically address Sunday traffic conditions with the PA 2 church. For analytical purposes, three scenarios are evaluated with the following land uses:

**a. Scenario 1:**

- 982,232 square feet of high-cube warehouse in four buildings (PA 1).
- 25.62 acres of Truck/Trailer Parking Lot (PA 1).
- 223 multi-family residential units (PA 2).

**b. Scenario 2:**

- 982,232 square feet of parcel hub warehouse in four buildings (PA 1).
- 25.62 acres of Truck/Trailer Parking Lot (PA 1).
- 223 multi-family residential units (PA 2).

**c. Scenario 3 (Sunday Morning Analysis with PA 2 Church):**

- 982,232 square feet of high-cube warehouse (PA 1).
- 25.62 acres of Truck/Trailer Parking Lot (PA 1).
- Church with 1,200 seats (PA 2).

**EXHIBIT 1-A: LOCATION MAP**

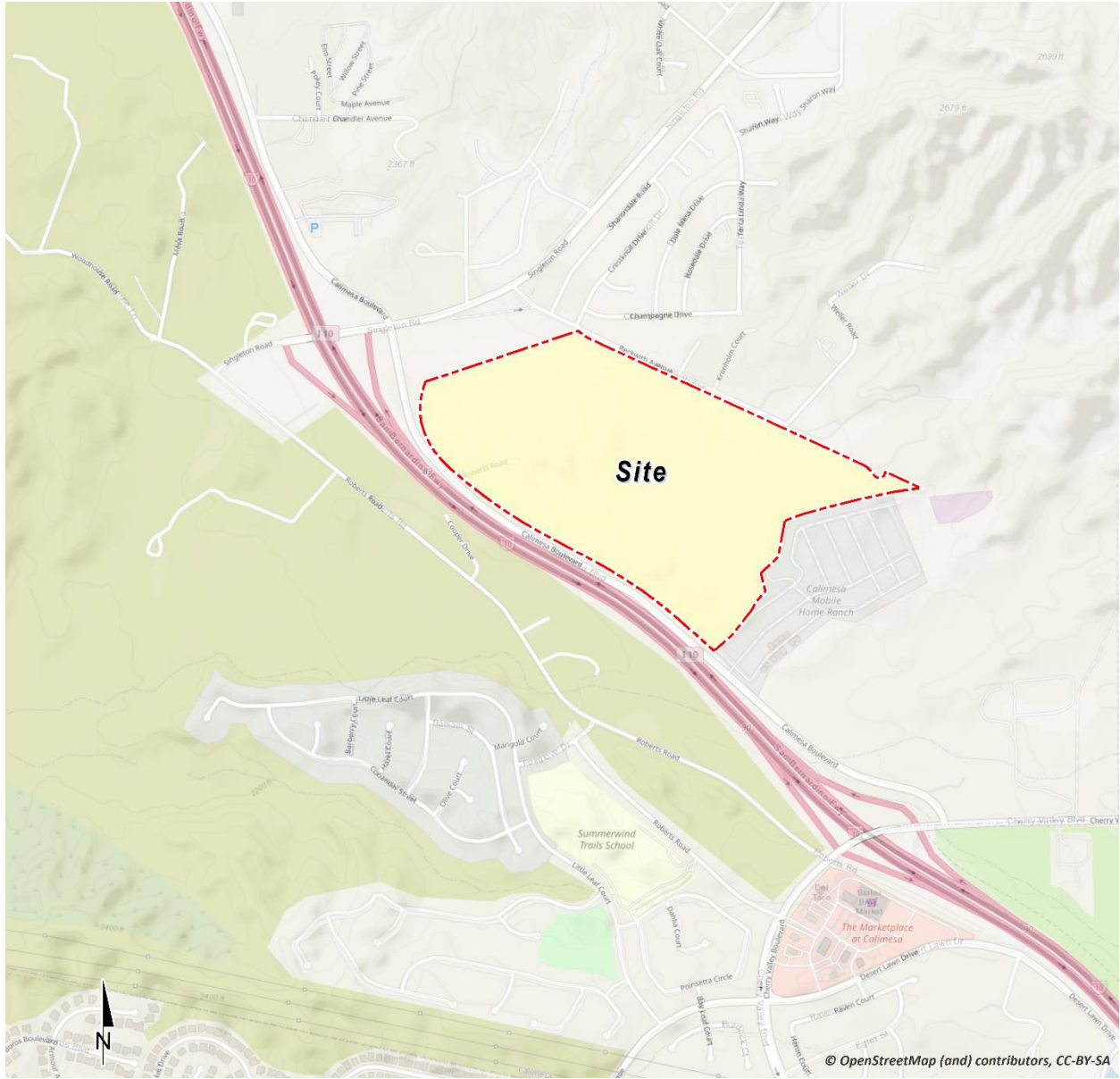
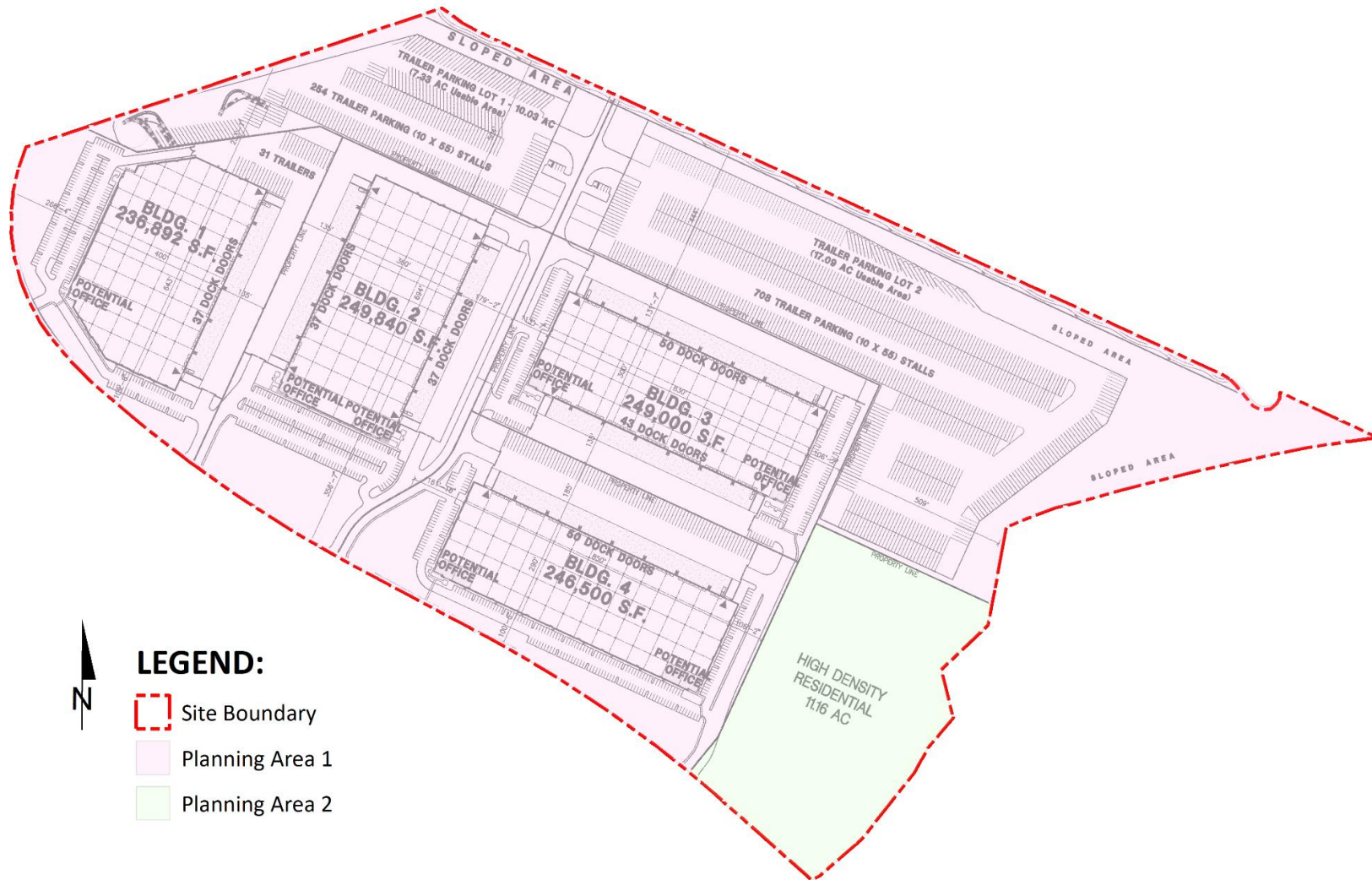


EXHIBIT 1-B: LAND USE PLAN



**LEGEND:**

- Site Boundary
- Planning Area 1
- Planning Area 2

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## 2 BACKGROUND

### 2.1 BACKGROUND ON RECOMMENDED METHODOLOGY

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

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

### 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 *Oak Valley North Specific Plan 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 819 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. Appendix 2-5 presents the construction sources as modeled in AERMOD. The analysis conservatively modeled Scenario 3 construction emissions as this represents the worst-case scenario. Scenarios 1 and 2 would result in less construction diesel exhaust and therefore a lesser risk than what would occur under Scenario 3.

**TABLE 2-1: CONSTRUCTION DURATION**

Construction Activity	CalEEMod Construction Activity	Start Date	End Date	Days
Site Development	Demolition	09/03/2024	09/06/2024	4
	Site Preparation	09/09/2024	09/20/2024	10
	Grading	09/23/2024	03/21/2025	130
	Building Construction	03/24/2025	12/23/2025	197

Construction Activity	CalEEMod Construction Activity	Start Date	End Date	Days
Vertical Construction (PA 1)	Paving	06/16/2025	09/15/2025	66
	Architectural Coating	08/06/2025	12/23/2025	100
Vertical Construction (PA 2)	Building Construction	02/03/2027	02/03/2028	262
	Paving	09/13/2027	10/15/2027	25
	Architectural Coating	10/20/2027	12/20/2027	44

TABLE 2-2: CONSTRUCTION EQUIPMENT ASSUMPTIONS

Construction Activity	CalEEMod Construction Activity	Equipment	Quantity	Hours Per
Scenario 1 and 2				
Site Development	Demolition	Concrete/Industrial Saws	1	8
		Rubber Tired Dozers	1	8
		Tractors/Loaders/Backhoes	2	8
	Site Preparation	Graders	1	8
		Crawler Tractors	1	8
	Grading	Scrapers	8	8
		Rubber Tired Dozers	1	8
Tractors/Loaders/Backhoes		1	8	
Vertical Construction (PA 1)	Building Construction	Forklifts	3	8
		Generator Sets	1	8
		Cranes	1	8
		Welders	1	8
		Crawler Tractors	3	8
	Paving	Pavers	2	8
		Paving Equipment	2	8
		Rollers	2	8
Architectural Coating	Air Compressors	1	8	
Vertical Construction (PA 2)	Building Construction	Cranes	1	8
		Forklifts	3	8
		Generator Sets	1	8
		Welders	1	8
		Crawler Tractors	3	8
	Paving	Pavers	2	8
		Paving Equipment	2	8

Construction Activity	CalEEMod Construction Activity	Equipment	Quantity	Hours Per
		Rollers	2	8
	Architectural Coating	Air Compressors	1	8
Scenario 3				
Site Development	Demolition	Concrete/Industrial Saws	1	8
		Rubber Tired Dozers	1	8
		Tractors/Loaders/Backhoes	2	8
	Site Preparation	Graders	1	8
		Crawler Tractors	1	8
	Grading	Scrapers	8	8
		Rubber Tired Dozers	1	8
		Tractors/Loaders/Backhoes	1	8
	Vertical Construction (PA 1)	Building Construction	Forklifts	5	8
Generator Sets			2	8
Cranes			2	8
Welders			2	8
Crawler Tractors			5	8
Paving		Pavers	3	8
		Paving Equipment	3	8
		Rollers	3	8
Architectural Coating		Air Compressors	2	8
Vertical Construction (PA 2)		Building Construction	Cranes	1	8
	Forklifts		3	8
	Generator Sets		1	8
	Welders		1	8
	Crawler Tractors		3	8
	Paving	Pavers	2	8
		Paving Equipment	2	8
		Rollers	2	8
	Architectural Coating	Air Compressors	1	8



**EXHIBIT 2-A: MODELED CONSTRUCTION EMISSION SOURCES**



**LEGEND:**  
N  
[Red hatched box] Construction Activity

## 2.3 OPERATIONAL HEALTH RISK ASSESSMENT

### 2.3.1 ON-SITE AND OFF-SITE TRUCK ACTIVITY

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

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

For this Project, annual average PM<sub>10</sub> emission factors were generated by running EMFAC 2021 in EMFAC Mode for vehicles in the Riverside County jurisdiction. The EMFAC Mode generates emission factors in terms of grams of pollutant emitted per vehicle activity and can calculate a matrix of emission factors at specific values of temperature, relative humidity, and vehicle speed. The model was run for speeds traveled in the vicinity of the Project. The vehicle travel speeds for each segment modeled are summarized below.

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

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

Calculated emission factors are shown at Table 2-3 for Scenarios 1 and 3 and Table 2-4 for Scenario 2. As a conservative measure, a 2025 EMFAC 2021 run was conducted and a static 2025 emissions factor data set was used for the entire duration of analysis herein (e.g., 30 years). Use of 2025 emission factors would overstate potential impacts since this approach assumes that emission factors remain “static” and do not change over time due to fleet turnover or cleaner technology with lower emissions that would be incorporated into vehicles after 2025. Additionally, based on EMFAC 2021, Light-Heavy-Duty Trucks are comprised of 59.8% diesel, Medium-Heavy-Duty Trucks are comprised of 91.6% diesel, and Heavy-Heavy-Duty Trucks are comprised of 95.1% diesel. Trucks fueled by diesel are accounted for by these percentages

accordingly in the emissions factor generation. Appendix 2.2 includes additional details on the emissions estimates from EMFAC.

The vehicle DPM exhaust emissions were calculated for running exhaust emissions. The running exhaust emissions were calculated by applying the running exhaust PM<sub>10</sub> emission factor (g/VMT) from EMFAC over the total distance traveled. The following equation was used to estimate off-site emissions for each of the different vehicle classes comprising the mobile sources (6):

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

Where:

- Emissions<sub>Speed A</sub>* = Vehicle emissions at a given speed A (g/s)
- EF<sub>Run Exhaust</sub>* = EMFAC running exhaust PM<sub>10</sub> 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<sub>10</sub> 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<sub>10</sub> emission factor (g/idle-hr) from EMFAC and the total truck trip over the total assumed idle time (15 minutes). The following equation was used to estimate the on-site vehicle idling emissions for each of the different vehicle classes (6):

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

Where:

- Emissions<sub>Idle</sub>* = Vehicle emissions during Idling (g/s)
- EF<sub>Idle</sub>* = EMFAC idle exhaust PM<sub>10</sub> emission factor (g/s)
- Number of Trips* = Number of trips per day
- Idling Time* = Idling time (minutes per trip)

**TABLE 2-3: 2025 WEIGHTED AVERAGE DPM EMISSIONS FACTORS – SCENARIOS 1 AND 3**

Speed	Weighted Average
0 (idling)	0.08146 (g/idle-hr)
5	0.02401 (g/s)
25	0.00920 (g/s)



**TABLE 2-4: 2025 WEIGHTED AVERAGE DPM EMISSIONS FACTORS – SCENARIO 2**

Speed	Weighted Average
0 (idling)	0.08534 (g/idle-hr)
5	0.02287 (g/s)
25	0.00932 (g/s)

Each roadway was modeled as a line source (made up of multiple adjacent volume sources). Due to the large number of volume sources modeled for this analysis, the corresponding coordinates of each volume source have not been included in this report but are included in Appendix 2.3. The DPM emission rate for each volume source was calculated by multiplying the emission factor (based on the average travel speed along the roadway) by the number of trips and the distance traveled along each roadway segment and dividing the result by the number of volume sources along that roadway, as illustrated on Tables 2-5 and 2-6. The modeled emission sources are illustrated on Exhibit 2-B for on-site sources and Exhibit 2-C for off-site sources. The modeling domain is limited to the Project's primary truck route and includes off-site sources in the study area for more than  $\frac{3}{4}$  mile. This modeling domain is more inclusive and conservative than using only a  $\frac{1}{4}$  mile modeling domain which is the distance supported by several reputable studies which conclude that the greatest potential risks occur within a  $\frac{1}{4}$  mile of the primary source of emissions (7) (in the case of the Project, the primary source of emissions is the on-site idling and on-site travel).

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

As summarized in the *Oak Valley North Specific Plan Traffic Analysis* prepared by Urban Crossroads, Inc., under Scenarios 1 and 3 the Project is expected to generate a total of approximately 1,414 two-way truck trips (707 trucks inbound per day + 707 trucks outbound) per day<sup>2</sup>. Under Scenario 2, the Project is expected to generate a total of approximately 2,251 two-way truck trips (1,126 trucks inbound per day + 1,126 trucks outbound) per day (9).

<sup>2</sup> It should be noted that the totals in Table 2-5 presents 709 trucks idling due to rounding, the underlying modeling and calculations are based on the un-rounded number of 707 trucks idling.

**EXHIBIT 2-B: MODELED ON-SITE EMISSION SOURCES**

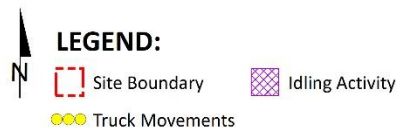
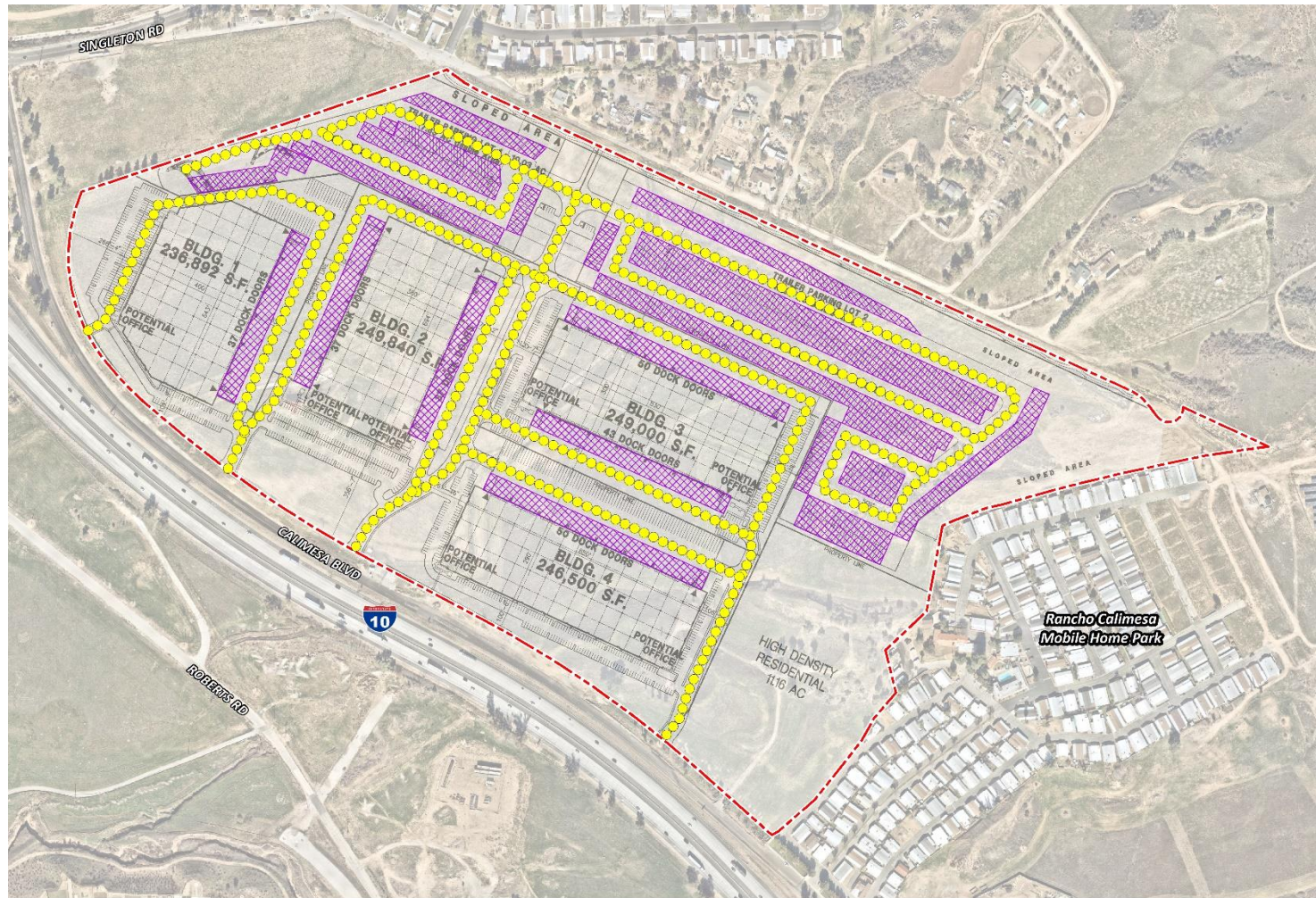
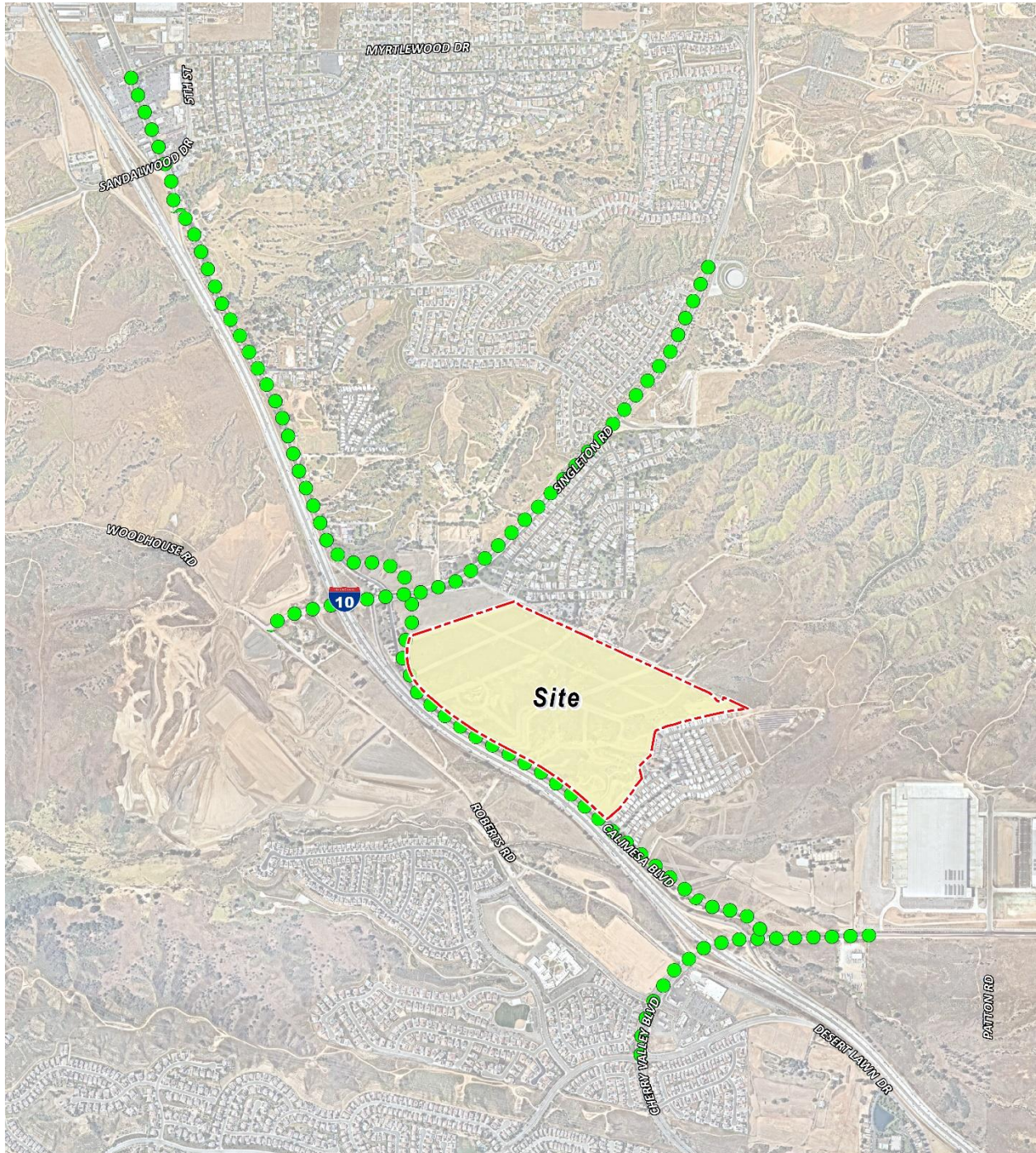




EXHIBIT 2-C: MODELED OFF-SITE EMISSION SOURCES



**TABLE 2-5: DPM EMISSIONS FROM PROJECT TRUCKS (2025 ANALYSIS YEAR) – SCENARIOS 1 AND 3**

Truck Emission Rates						
Source	Trucks Per Day	VMT <sup>a</sup> (miles/day)	Truck Emission Rate <sup>b</sup> (grams/mile)	Truck Emission Rate <sup>b</sup> (grams/Idle-hour)	Daily Truck Emissions <sup>c</sup> (grams/day)	Modeled Emission Rates (g/second)
On-Site Idling - Bldg. 1	76			0.0815	1.54	1.788E-05
On-Site Idling - Bldg. 2 East	40			0.0815	0.81	9.428E-06
On-Site Idling - Bldg. 2 West	40			0.0815	0.81	9.428E-06
On-Site Idling - Bldg. 3 North	40			0.0815	0.81	9.396E-06
On-Site Idling - Bldg. 3 South	40			0.0815	0.81	9.396E-06
On-Site Idling - Bldg. 4	79			0.0815	1.61	1.860E-05
On-Site Idling - TTP Lot 1 127 Spaces	52			0.0815	0.35	4.072E-06
On-Site Idling - TTP Lot 1 86 Spaces	35			0.0815	0.24	2.757E-06
On-Site Idling - TTP Lot 1 41 Spaces	17			0.0815	0.11	1.314E-06
On-Site Idling - TTP Lot 2 258 Spaces	105			0.0815	0.71	8.271E-06
On-Site Idling - TTP Lot 2 129 Spaces	53			0.0815	0.36	4.136E-06
On-Site Idling - TTP Lot 2 16 Spaces	7			0.0815	0.04	5.130E-07
On-Site Idling - TTP Lot 2 83 Spaces	34			0.0815	0.23	2.661E-06
On-Site Idling - TTP Lot 2 62 Spaces	25			0.0815	0.17	1.988E-06
On-Site Idling - TTP Lot 2 26 Spaces	11			0.0815	0.07	8.336E-07
On-Site Idling - TTP Lot 2 32 Spaces	13			0.0815	0.09	1.026E-06
On-Site Idling - TTP Lot 2 64 Spaces	26			0.0815	0.18	2.052E-06
On-Site Idling - TTP Lot 2 38 Spaces	16			0.0815	0.11	1.218E-06
On-Site Travel - TTP 100%	785	211.86	0.0240		5.09	5.887E-05
On-Site Travel - TTP Lot 1 East	104	33.08	0.0240		0.79	9.193E-06
On-Site Travel - TTP Lot 1 West	104	8.85	0.0240		0.21	2.459E-06
On-Site Travel - TTP Lot 2 North	289	179.85	0.0240		4.32	4.997E-05
On-Site Travel - TTP Lot 2 South	289	57.48	0.0240		1.38	1.597E-05
On-Site Travel - Bldg. 1	152	31.86	0.0240		0.76	8.853E-06
On-Site Travel - Bldg. 2	160	80.73	0.0240		1.94	2.243E-05
On-Site Travel - Bldg. 3 North	80	31.45	0.0240		0.75	8.738E-06
On-Site Travel - Bldg. 3 South	80	35.85	0.0240		0.86	9.962E-06
On-Site Travel - Bldg. 4	158	63.33	0.0240		1.52	1.760E-05
Off-Site Travel - TTP Calimesa 30% Inbound/Outbound	236	179.83	0.0092		1.65	1.914E-05
Off-Site Travel - TTP Cherry Valley 2% East Inbound/Outbound	16	3.13	0.0092		0.03	3.337E-07
Off-Site Travel - TTP Cherry Valley 2% West Inbound/Outbound	16	3.99	0.0092		0.04	4.249E-07
Off-Site Travel - TTP Cherry Valley 28% Inbound/Outbound	220	36.18	0.0092		0.33	3.851E-06
Off-Site Travel - TTP Calimesa 70% Inbound/Outbound	550	225.44	0.0092		2.07	2.400E-05
Off-Site Travel - TTP Singleton 2% Inbound/Outbound	16	15.94	0.0092		0.15	1.697E-06
Off-Site Travel - TTP Singleton 68% Inbound/Outbound	518	113.62	0.0092		1.04	1.209E-05
Off-Site Travel - TTP Calimesa 2% Inbound/Outbound	16	21.51	0.0092		0.20	2.289E-06
Off-Site Travel - WH Singleton 4% Inbound/Outbound	25	25.54	0.0092		0.23	2.719E-06
Off-Site Travel - WH Singleton 62% Inbound/Outbound	390	85.52	0.0092		0.79	9.102E-06
Off-Site Travel - WH Calimesa 4% Inbound/Outbound	25	34.46	0.0092		0.32	3.688E-06
Off-Site Travel - WH Calimesa 30% Inbound/Outbound	189	101.12	0.0092		0.93	1.076E-05
Off-Site Travel - WH Cherry Valley 4% East Inbound/Outbound	25	4.96	0.0092		0.05	5.281E-07
Off-Site Travel - WH Cherry Valley 4% West Inbound/Outbound	25	6.33	0.0092		0.06	6.736E-07
Off-Site Travel - WH Cherry Valley 26% Inbound/Outbound	164	26.88	0.0092		0.25	2.861E-06
Off-Site Travel - WH Calimesa 15% Inbound/Outbound	94	21.60	0.0092		0.20	2.299E-06
Off-Site Travel - WH Calimesa 35% Inbound/Outbound	220	20.48	0.0092		0.19	2.180E-06
Off-Site Travel - WH Calimesa 70% Inbound/Outbound	440	137.01	0.0092		1.26	1.458E-05
Off-Site Travel - WH Singleton 4% Inbound/Outbound	25	5.59	0.0092		0.05	5.952E-07

<sup>a</sup> Vehicle miles traveled are for modeled truck route only.

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

<sup>c</sup> 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 parking spaces.

**TABLE 2-6: DPM EMISSIONS FROM PROJECT TRUCKS (2025 ANALYSIS YEAR) – SCENARIO 2**

Truck Emission Rates						
Source	Trucks Per Day	VMT <sup>a</sup> (miles/day)	Truck Emission Rate <sup>b</sup> (grams/mile)	Truck Emission Rate <sup>b</sup> (grams/Idle-hour)	Daily Truck Emissions <sup>c</sup> (grams/day)	Modeled Emission Rates (g/second)
On-Site Idling - Bldg. 1	177			0.0853	3.77	4.385E-05
On-Site Idling - Bldg. 2 East	93			0.0853	1.99	2.302E-05
On-Site Idling - Bldg. 2 West	93			0.0853	1.99	2.302E-05
On-Site Idling - Bldg. 3 North	93			0.0853	1.98	2.294E-05
On-Site Idling - Bldg. 3 South	93			0.0853	1.98	2.294E-05
On-Site Idling - Bldg. 4	184			0.0853	3.92	4.542E-05
On-Site Idling - TTP Lot 1 127 Spaces	52			0.0815	0.35	4.072E-06
On-Site Idling - TTP Lot 1 86 Spaces	35			0.0815	0.24	2.757E-06
On-Site Idling - TTP Lot 1 41 Spaces	17			0.0815	0.11	1.314E-06
On-Site Idling - TTP Lot 2 258 Spaces	105			0.0815	0.71	8.271E-06
On-Site Idling - TTP Lot 2 129 Spaces	53			0.0815	0.36	4.136E-06
On-Site Idling - TTP Lot 2 16 Spaces	7			0.0815	0.04	5.130E-07
On-Site Idling - TTP Lot 2 83 Spaces	34			0.0815	0.23	2.661E-06
On-Site Idling - TTP Lot 2 62 Spaces	25			0.0815	0.17	1.988E-06
On-Site Idling - TTP Lot 2 26 Spaces	11			0.0815	0.07	8.336E-07
On-Site Idling - TTP Lot 2 32 Spaces	13			0.0815	0.09	1.026E-06
On-Site Idling - TTP Lot 2 64 Spaces	26			0.0815	0.18	2.052E-06
On-Site Idling - TTP Lot 2 38 Spaces	16			0.0815	0.11	1.218E-06
On-Site Travel - TTP 100%	785	211.86	0.0229		4.85	5.608E-05
On-Site Travel - TTP Lot 1 East	104	33.08	0.0229		0.76	8.757E-06
On-Site Travel - TTP Lot 1 West	104	8.85	0.0229		0.20	2.342E-06
On-Site Travel - TTP Lot 2 North	289	179.85	0.0229		4.11	4.761E-05
On-Site Travel - TTP Lot 2 South	289	57.48	0.0229		1.31	1.522E-05
On-Site Travel - Bldg. 1	354	74.26	0.0229		1.70	1.966E-05
On-Site Travel - Bldg. 2	373	188.17	0.0229		4.30	4.981E-05
On-Site Travel - Bldg. 3 North	186	73.30	0.0229		1.68	1.940E-05
On-Site Travel - Bldg. 3 South	186	83.56	0.0229		1.91	2.212E-05
On-Site Travel - Bldg. 4	368	147.61	0.0229		3.38	3.907E-05
Off-Site Travel - TTP Calimesa 30% Inbound/Outbound	236	179.83	0.0093		1.68	1.941E-05
Off-Site Travel - TTP Cherry Valley 2% East Inbound/Outbound	16	3.13	0.0093		0.03	3.383E-07
Off-Site Travel - TTP Cherry Valley 2% West Inbound/Outbound	16	3.99	0.0093		0.04	4.308E-07
Off-Site Travel - TTP Cherry Valley 28% Inbound/Outbound	220	36.18	0.0093		0.34	3.904E-06
Off-Site Travel - TTP Calimesa 70% Inbound/Outbound	550	225.44	0.0093		2.10	2.433E-05
Off-Site Travel - TTP Singleton 2% Inbound/Outbound	16	15.94	0.0093		0.15	1.720E-06
Off-Site Travel - TTP Singleton 68% Inbound/Outbound	518	113.62	0.0093		1.06	1.226E-05
Off-Site Travel - TTP Calimesa 2% Inbound/Outbound	16	21.51	0.0093		0.20	2.321E-06
Off-Site Travel - WH Singleton 4% Inbound/Outbound	59	59.53	0.0093		0.56	6.424E-06
Off-Site Travel - WH Singleton 62% Inbound/Outbound	909	199.31	0.0093		1.86	2.151E-05
Off-Site Travel - WH Calimesa 4% Inbound/Outbound	59	80.33	0.0093		0.75	8.668E-06
Off-Site Travel - WH Calimesa 30% Inbound/Outbound	440	235.68	0.0093		2.20	2.543E-05
Off-Site Travel - WH Cherry Valley 4% East Inbound/Outbound	59	11.57	0.0093		0.11	1.248E-06
Off-Site Travel - WH Cherry Valley 4% West Inbound/Outbound	59	14.75	0.0093		0.14	1.592E-06
Off-Site Travel - WH Cherry Valley 26% Inbound/Outbound	381	62.64	0.0093		0.58	6.760E-06
Off-Site Travel - WH Calimesa 15% Inbound/Outbound	220	50.35	0.0093		0.47	5.433E-06
Off-Site Travel - WH Calimesa 35% Inbound/Outbound	513	47.73	0.0093		0.44	5.150E-06
Off-Site Travel - WH Calimesa 70% Inbound/Outbound	1026	319.34	0.0093		2.98	3.446E-05
Off-Site Travel - WH Singleton 4% Inbound/Outbound	59	13.03	0.0093		0.12	1.406E-06

<sup>a</sup> Vehicle miles traveled are for modeled truck route only.

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

<sup>c</sup> 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 parking spaces.



## 2.4 EXPOSURE QUANTIFICATION

The analysis herein has been conducted in accordance with the guidelines in the Health Risk Assessment Guidance for Analyzing Cancer Risks from Mobile Source Diesel Idling Emissions for CEQA Air Quality Analysis (1). The Environmental Protection Agency's (U.S. EPA's) AERMOD model has been utilized. For purposes of this analysis, the Lakes AERMOD View (Version 11.2.0) was used to calculate annual average particulate concentrations associated with site operations. Lakes AERMOD View was utilized to incorporate the U.S. EPA's latest AERMOD Version 22112 (10).

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 2-7 (11). The model requires additional input parameters including emission data and local meteorology. Meteorological data from the SCAQMD's Redlands monitoring station was used to represent local weather conditions and prevailing winds (12).

**TABLE 2-7: AERMOD MODEL PARAMETERS**

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

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

Receptors may be placed at applicable structure locations for residential and worker property and not necessarily the boundaries of the properties containing these uses because the human receptors (residents and workers) spend a majority of their time at the residence or in the workplace's building, and not on the property line. It should be noted that the primary purpose of receptor placement is focused on long-term exposure. For example, the HRA evaluates the potential health risks to residents, 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.

For purposes of this HRA, receptors include both residential and non-residential (worker) land uses in the vicinity of the Project. These receptors are included in the HRA since residents, 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 would have a lesser impact than what has already been disclosed in the HRA at the MEIR MEIW, and MEISC because concentrations dissipate with distance.

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

Discrete variants for daily breathing rates, exposure frequency, and exposure duration were obtained from relevant distribution profiles presented in the 2015 OEHHA Guidelines. Tables 2-8 through 2-11 summarize the Exposure Parameters for residents, workers, and school children based on 2015 OEHHA Guidelines. Appendix 2.4 includes the detailed risk calculation. It should be noted that analysis represents a worst-case scenario where residents are exposed Project emissions beginning in the third trimester through the first 30 years of life – which includes the recommended age weighted factors that account for the potential of increased risk during early life exposures. Alternatively, as illustrated on Table 2-9, risk estimates for elderly residents near the Project site would be calculated based on a slightly lower breathing rate and no age weighting factor pursuant to the OEHHA guidelines. As a result, the cancer risk estimates presented in this analysis are conservative in nature and risks to elderly residents near the Project site would experience less risk than is presented in this analysis.

The analysis conservatively assumes that exposure during Project construction would begin at age 0, as this is more conservative due to higher breathing rates than are utilized in the -0.25 to 0 age bin. The -0.25 to 0 age bin is only assumed for operational risk because this is assumed to occur over a period of 30 years, and the assumptions for inhalation rate and age sensitivity factors are more conservative for the -0.25 to 0 age bin than the 16 to 30 age bin. Thus, because operational exposure will occur over a longer period of time than construction exposure, it is more conservative to assume that construction exposure begins at age 0, and operational exposure begins at the third trimester.

**TABLE 2-8: 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	2.00	1.00	260	8
2 to 16	572	3	0.24	1.00	89	8

**TABLE 2-9: 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
16 to 70	233	1	30	0.73	350	24

**TABLE 2-10: 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 2-11: 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) <sup>a</sup>	Exposure Time (hours/day)
4 to 13	631	3	9	180	12

<sup>a</sup> 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)<sup>-1</sup> 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 ( $\mu\text{g}/\text{m}^3$ )
$\frac{BR}{BW}$	=	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)
$1 \times 10^{-6}$	=	conversion factors ( $\mu\text{g}$ to mg, L to $\text{m}^3$ )

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

Where:

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

## 2.6 NON-CARCINOGENIC EXPOSURES

An evaluation of the potential noncarcinogenic effects of chronic exposures was also conducted. Adverse health effects are evaluated by comparing a compound's annual concentration with its toxicity factor or Reference Exposure Level (REL). The REL for diesel particulates was obtained from OEHHA for this analysis. The chronic reference exposure level (REL) for DPM was established by OEHHA as  $5 \mu\text{g}/\text{m}^3$  (14).

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 ( $\mu\text{g}/\text{m}^3$ )
$REL_{DPM}$	=	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 33 feet southeast of the Project site at the Calimesa Mobile Home Park at 10320 Calimesa Boulevard. Since there are no private outdoor living areas (backyards) facing the Project site, R7 is placed at the building façade. At the MEIR, the maximum incremental cancer risk attributable to Project construction-source DPM emissions is estimated at 4.58 in one million, which is less than the SCAQMD's significance threshold of 10 in one million. At this same location, non-cancer risks were estimated to be <0.01, which would not exceed the applicable threshold of 1.0. Location R7 is the nearest receptor to the Project site and would experience the highest concentrations of DPM during Project construction due to its proximity 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.

Because DPM emissions associated with construction activities would not differ significantly under Scenarios 1, 2, or 3, risk to nearby receptors as a result of Project construction activities would not differ significantly under each of the three scenarios.

### OPERATIONAL IMPACTS

#### Residential Exposure Scenario:

The analysis evaluated the potential health risk impacts associated with DPM generated by heavy duty trucks accessing PA 1 for each scenario. Scenarios 1 and 3 would result in identical emissions and health risk impacts as the land uses on PA 1 are identical under these scenarios. Project

operational activities to nearby existing residents, as well as potential future residents within the Holly Hills Specific Plan and on-site residents located within PA 2.

The existing residential land use with the greatest potential exposure to Project operational-source DPM emissions is Location R6 which is located approximately 37 feet southeast of the Project site at the Calimesa Mobile Home Park at 10320 Calimesa Boulevard. Because there are no private outdoor living areas (backyards) facing the Project site, R6 is placed at the building façade. At the existing MEIR, the maximum incremental cancer risk attributable to Project operational-source DPM emissions is estimated at 3.37 in one million under Scenarios 1 and 3, and 4.29 in one million under Scenario 2, which are less than the SCAQMD's significance threshold of 10 in one million. At this same location, non-cancer risks were estimated to be <0.01 under all scenarios, which would not exceed the applicable significance threshold of 1.0. Location R6 is the nearest receptor to the Project site and would experience the highest concentrations of DPM during Project operation due to its proximity meteorological conditions at the site. Because all other modeled receptors are located at a greater distance than the MEIR analyzed herein, and DPM dissipates with distance from the source, all other receptors in the vicinity of the Project would be exposed to less emissions and therefore less risk than the MEIR identified herein. As such, the Project will not cause a significant human health or cancer risk to adjacent land uses as a result of Project construction activity. All other receptors during operational activity would experience less risk than what is identified for this location. Tables ES-2 and ES-3 present the operational cancer risk for the evaluated scenarios at the maximally exposed existing, future, and on-site residential receptors. The modeled receptors are illustrated on Exhibit 2-D.

#### Worker Exposure Scenario<sup>3</sup>:

The worker receptor land use with the greatest potential exposure to Project operational -source DPM emissions is Location R11, which represents the potential worker receptor located approximately 2,194 feet south of the Project site. At the MEIW, the maximum incremental cancer risk impact is 0.05 in one million under Scenarios 1 and 3 and 0.08 in one million under Scenario 2, 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 under all scenarios, which would not exceed the applicable significance threshold of 1.0. Because all other modeled worker receptors are located at a greater distance than the MEIW analyzed herein, and DPM dissipates with distance from the source, all other worker receptors in the vicinity of the Project would be exposed to less emissions and therefore less risk than the MEIW identified herein. As such, the Project will not cause a significant human health or cancer risk to adjacent workers. The modeled receptors are illustrated on Exhibit 2-D.

#### School Child Exposure Scenario:

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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.

The nearest school is the Early Learning Academy, located approximately 344 feet northwest of the Project site and represented by Location R1. The MEISC is the school receptor that would experience the highest modeled concentrations of DPM, and thus the highest risk. At the MEISC, the maximum incremental cancer risk impact attributable to the Project is calculated to be 0.35 in one million under Scenarios 1 and 3 and 0.57 in one million under Scenario 2, 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 under all scenarios, 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. As such, the Project will not cause a significant human health or cancer risk to nearby school children.

#### On-Site Residential Exposure Scenario:

The analysis evaluated the potential health risk impacts associated with DPM generated by heavy duty trucks accessing PA 1 to on-site residential receptors that would be constructed on PA 2 under Scenarios 1 and 2. Because on-site receptors would not be present at the time of Project construction activities, the analysis only considers potential impacts to on-site receptors resulting from operation of the proposed Project. The on-site receptor with the greatest potential exposure to Project operational emissions is Location ON2. At the on-site MEIR, the maximum incremental cancer risk attributable to Project operational-source DPM emissions is estimated at 3.89 in one million under Scenario 1 and 7.27 in one million under Scenario 2, which are less than the SCAQMD's significance threshold of 10 in one million. At this same location, non-cancer risks were estimated to be <0.01 under all scenarios, which would not exceed the applicable significance threshold of 1.0.

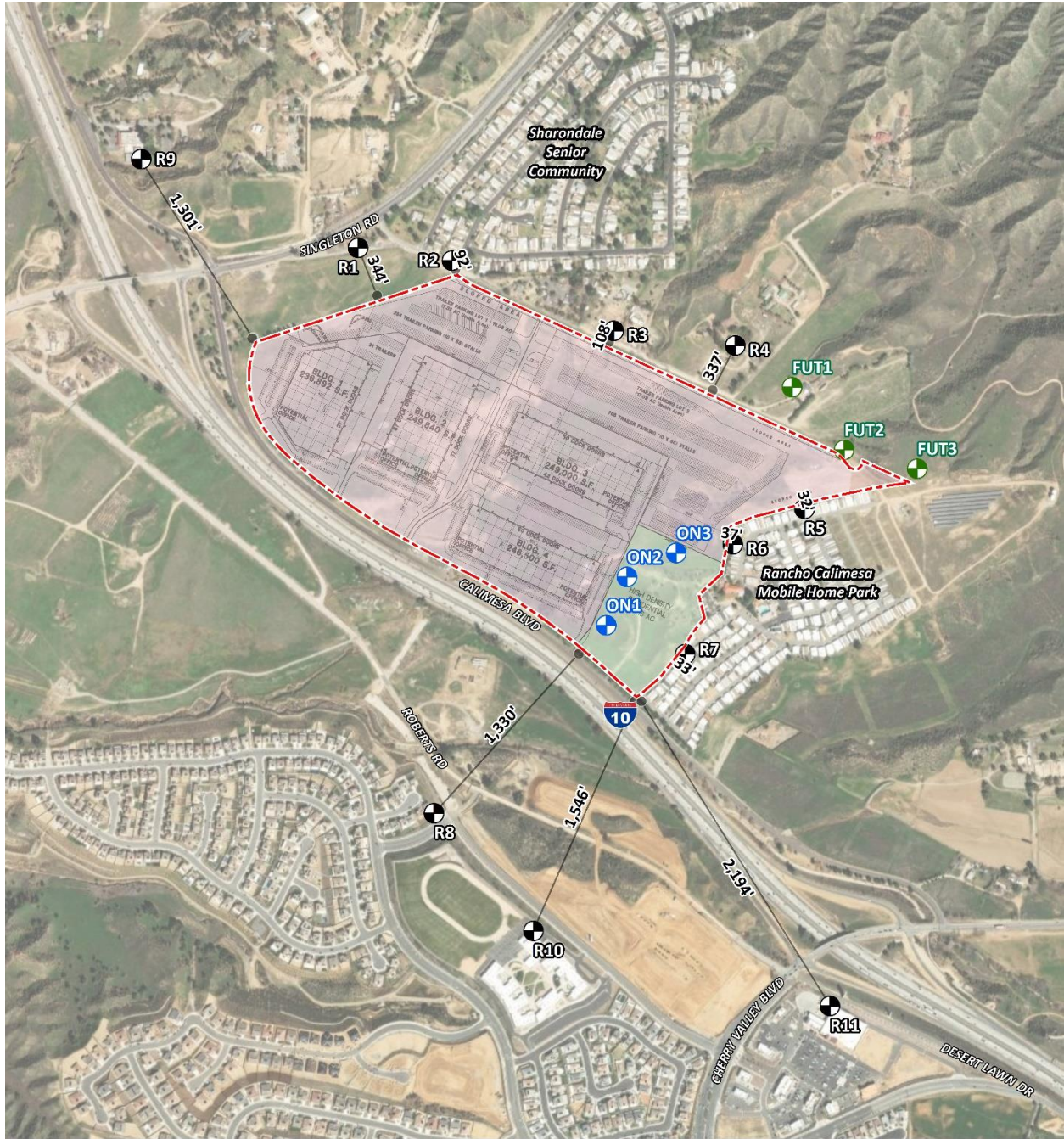
#### **CONSTRUCTION AND OPERATIONAL IMPACTS**

The land use with the greatest potential exposure to Project construction-source and operational-source DPM emissions is Location R6. At the MEIR, the maximum incremental cancer risk attributable to Project construction-source and operational-source DPM emissions is estimated at 6.70 in one million under Scenarios 1 and 3, and 7.16 in one million under Scenario 2, which is less than the threshold of 10 in one million. At this same location, non-cancer risks were estimated to be <0.01 under all scenarios, 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 nearby residences. 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 125 receptors were modeled in the analysis. Appendix 2.6 presents a figure detailing the locations of all receptors as modeled in AERMOD.



EXHIBIT 2-D: RECEPTOR LOCATIONS





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### 3 CUMULATIVE TACS

#### 3.1 BACKGROUND

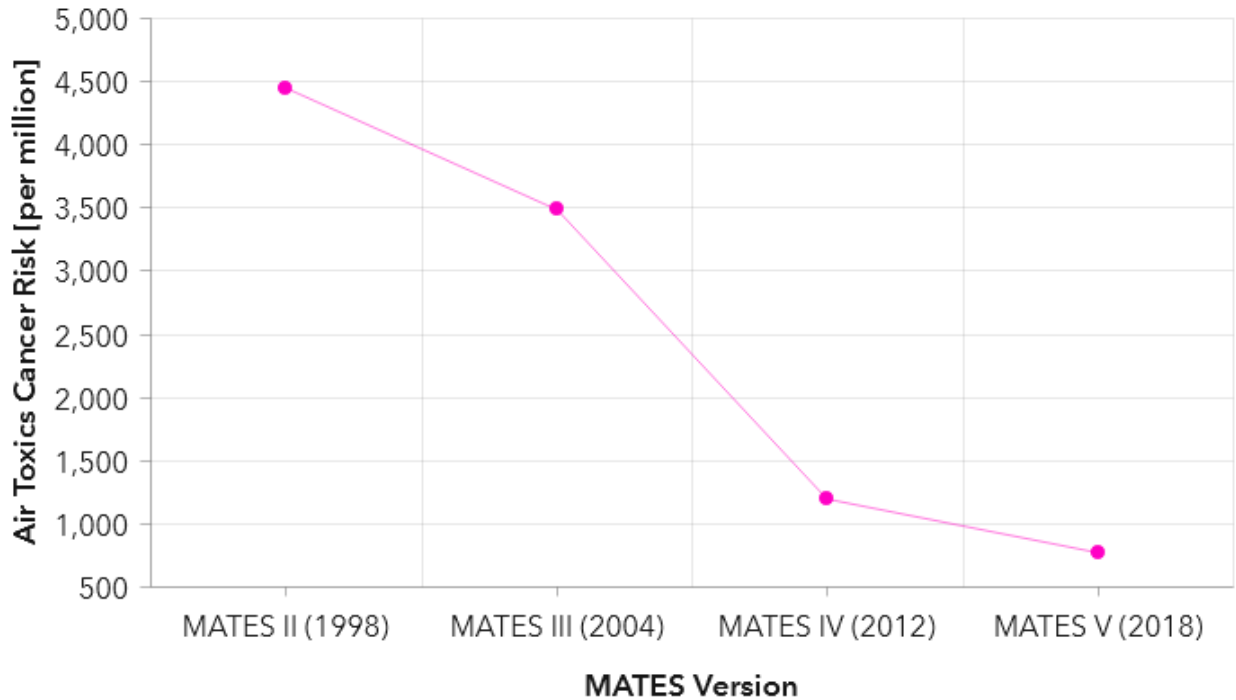
The purpose of this section is to provide additional background and analysis of the potential cumulative health risk impacts resulting from any existing and proposed warehouse uses in the vicinity of the proposed Project.

#### 3.2 EXISTING CONDITIONS FOR TOXIC EMISSIONS

There are no state or federal ambient air quality standards applicable to TAC emissions. Preparing a cumulative assessment for TACs is complicated by the fact that site-specific impacts can be far different from average impacts over a larger geographic area. Impacts from TAC emissions are highest closest to sources of TACs, but the sources are often spread over a large area. For example, emissions from diesel engines, the largest source of risk from TACs, are operated on roads, businesses, and construction sites throughout the air basin. Locations where large numbers of TAC sources are concentrated such as freeways, rail yards, and ports may pose a higher level of risk to sensitive receptors near these facilities. Examination of the risk from TACs at national, state, regional, and local levels is useful for providing context, but site-specific evaluation is ultimately necessary to determine existing conditions for development projects.

#### 3.3 AMBIENT TAC IMPACTS PRESUMED TO BE CUMULATIVELY SIGNIFICANT

The SCAQMD has conducted an in-depth periodic analysis of toxic air contaminants and their resulting health risks within the air basin. This study, the *Multiple Air Toxics Exposure Study in the South Coast Air Quality Management District*, shows that cancer risk has decreased by approximately 80% between MATES II (1998) and MATES V (2018) at the nearest monitored location to the Project site (Rubidoux) (15), as shown on Exhibit 3-A.

**EXHIBIT 3-A: AIR TOXICS CANCER RISK TRENDS – RUBIDOUX**

MATES-V is the most comprehensive dataset documenting the ambient air toxic levels and health risks associated with South Coast Air Basin emissions. Therefore, the MATES-V study represents the baseline health risk for a cumulative analysis. The available scientific data from SCAQMD, which is the expert agency charged with governing air quality and preparing regional risk calculations, shows that although there has been tremendous growth basin-wide, risk levels have declined. The decline in emissions is likely due to existing regulatory requirements that have been implemented over the past 20 years.

The SCAQMD 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 (16). In this report SCAQMD 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.”*

In many ways, California’s Proposition 65, also called the Safe Drinking Water and Toxic Enforcement Act, which became law in 1986 can serve as a benchmark for cumulative risk assessment. Under Proposition 65, the law defines “no significant cancer risk” as a level of exposure that would cause no more than 1 extra case of cancer in 100,000 people or in other words 10 extra cases of cancer in 1,000,000 people over a 70-year lifetime (the same threshold recommended by SCAQMD). It should be noted that diesel exhaust (DE) or diesel particulate matter (DPM) is listed by the Office of Environmental Health Hazard Assessment (OEHHA) as a known carcinogen with respect to Proposition 65.

MATES-V estimates that in the localized area encompassing the Project site, the risk is estimated at 288 incidents per million population. This existing cumulative TAC-source cancer risk level far exceeds the 10 in one million cancer risk at which project-level TAC-source cancer risks would be determined significant employing SCAQMD thresholds.

Comparing the ambient cumulative TAC-source cancer risk (288 per million locally) to the SCAQMD’s established threshold for project-level TAC-source cancer risks (10 in one million), the ambient cumulative TAC-source cancer risk is approximately 30 times greater than the incremental risk at which project-level TAC-source cancer risks would be considered significant.

Although there is not yet an established significance threshold for ambient cumulative TAC impacts, given the magnitude by which the ambient cumulative condition exceeds SCAQMD’s established project-level significance threshold (ambient cumulative TAC conditions are 30 times greater than the project-level threshold), the ambient cumulative condition would likely exceed whatever significance threshold may be established for cumulative impacts affecting the Basin. On this basis, and absent a prevailing threshold adopted by the Lead or Responsible Agency, ambient cumulative TAC impacts are presumed to be significant.

### **3.4 JUSTIFICATION OF A GEOGRAPHIC SCOPE IN RISK ASSESSMENT**

Proximity to sources of toxics is critical to determining the impact. In traffic-related studies, the additional non-cancer health risk attributable to proximity was seen within 1,000 feet and was strongest within 300 feet. California freeway studies show about a 70-percent drop-off in particulate pollution levels at 500 feet. Based on ARB and SCAQMD emissions and modeling analyses, an 80-percent drop-off in pollutant concentrations is expected at approximately 1,000 feet from a distribution center.

The 1,000-foot evaluation distance is supported by research-based findings concerning TAC emission dispersion rates from roadways and large sources showing that emissions diminish substantially between 500 and 1,000 feet from emission sources.

Lastly, the Waters Bill (AB 3205) (H&SC Section, 42301.6 through 42301.9) (15) addresses sources of hazardous air pollutants near schools and although not directly applicable to this project, this bill further evidences the propriety of considering hazardous emissions sources within a defined 1,000-foot radius. That is, pursuant to the Waters Bill, prior to approving an application for a

permit to construct or modify a source which emits hazardous air emissions (i.e. DPM), which source is located within 1,000 feet from the outer boundary of a school site, the air pollution control officer shall prepare a public notice in which the proposed project or modification for which the application for a permit is made is fully described.

For assessing the cumulative impacts of a new source of TAC emissions associated with a project in combination with existing sources and probable future sources, a project radius is necessary. Assessment of impacts from existing sources within 1,000 feet (zone of influence) of the new source in combination with risks and hazards from the new source is recommended. Then, once the location of the maximally impacted receptor is identified for the project, cumulative impacts from other sources within the radius of the project (i.e., not the receptor) are assessed at that location. Assessments should sum individual hazards or risks to find the cumulative impact at the location of the maximally impacted receptor from the new source.

More recent studies suggest that in light of emission reductions due to tightening emission standards over the past twenty years, this 1,000-foot siting distance is overly conservative. Modeling performed for the 2021 report *Evaluating Siting Distances for New Sensitive Receptors Near Warehouses*, prepared by the Ramboll Group, demonstrates a significant reduction in DPM emissions and risk between year 2000 emissions (which were utilized by CARB in establishing its recommended siting guidance of 1,000 feet) and 2023 (17). This reduction is attributed to a significant reduction in DPM emission rates from trucks and TRUs resulting from the adoption of increasingly stringent emission standards. This reduction in DPM emission rates has resulted in a corresponding significant reduction in risk as well, despite increasingly conservative regulatory guidance in the preparation of HRAs, particularly OEHHA's adoption of age sensitivity factors in their revised HRA guidance released in 2015.

### **3.5 RELATED PROJECTS CONTRIBUTION TO CUMULATIVE TAC IMPACTS**

In addition to the MATES-V cumulative TAC-source cancer risk noted above, other new or proposed potential TAC-generating projects (related projects) in the Study Area could contribute to cumulative TAC impacts. These related projects, due to their recent and/or tentative nature, may not be reflected in the cumulative TAC impacts identified in the MATES-V study.

In consultation with the Lead Agency, related TAC-generating projects located within a 1,000-foot radius of the Project and off-site truck travel routes were identified and are reflected in this cumulative TAC analysis. The related projects listed below were selected based on their propensity to generate TACs that would contribute to, or interact with, TACs generated by the Project.

The primary TAC-source emission associated with cumulative projects would be DPM associated with any truck trips accessing the cumulative projects and traveling on roadways in the study area. Of the cumulative projects identified in the Project's traffic study, only the Oak Valley Town Center project (located to the northwest of the Project site west of I-10) has the potential to emit TACs and is located within 1,000 feet of the Project site or primary truck routes. This project includes 2,250,000 square feet of warehouse uses and a 10.07 acre truck/trailer parking lot. Based on the Oak Valley Town Center Project Addendum to the Summerwind Ranch at Oak Valley

Environmental Impact Report, the potential health risk associated with this project is estimated at 8.67 in one million and the maximum non-cancer hazard index is <0.01.

### **3.6 PROJECT MAXIMUM CONTRIBUTION TO CUMULATIVE TAC IMPACTS**

Project-source TACs would incrementally increase the background cancer risk by a maximum of 6.70 incidents per million population under Scenarios 1 and 3 (combined risk from construction and operations) and 7.16 incidents per million population under Scenario 2 (combined risk from construction and operations). Under all scenarios the non-cancer hazard index is <0.01. The applicable SCAQMD significance threshold for Project-level TAC-source cancer risk impacts is 10 incidents per million population and a hazard index of 1.0 for non-cancer health risks. Similarly, SCAQMD significance thresholds state that Project contributions to cumulative TAC-source cancer risks would be cumulatively considerable if greater than 10 incidents per million population would occur. The maximum incremental risk resulting from the Project is therefore not significant, nor cumulatively considerable.

### **3.7 CUMULATIVE IMPACTS**

The Project's contribution is less than cumulatively considerable because it is less than the 10 in one million incremental cancer risk threshold established by the SCAQMD. Lastly, it should be noted that although there will be ambient growth in the Project vicinity, any increase in emissions and consequently cancer risk from ambient growth would be offset by the expected decrease in future risk estimates due to the natural turnover of older fleets and equipment being replaced by more efficient, less polluting engines and regulatory actions being phased in. As noted above in Section 3.6, the Project's maximum contribution to cumulative TAC Impacts would not be cumulatively considerable.

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

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Master of Science in Environmental Studies  
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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  
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Air Dispersion Modeling – Lakes Environmental • June 2006

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**APPENDIX 2.1:**  
**CALEEMOD OUTPUTS**

# Oak Valley North SP (Site Development) Detailed Report

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# 1. Basic Project Information

## 1.1. Basic Project Information

Data Field	Value
Project Name	Oak Valley North SP (Site Development)
Construction Start Date	9/3/2024
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.50
Precipitation (days)	25.8
Location	33.97626808653549, -117.04178063161832
County	Riverside-South Coast
City	Calimesa
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5628
EDFZ	11
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.14

## 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 Recreational	95.0	User Defined Unit	95.0	0.00	0.00	0.00	—	—

### 1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-5	Use Advanced Engine Tiers

## 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.	9.87	8.06	92.2	65.0	0.24	3.30	7.65	11.0	3.06	2.15	5.20	—	30,314	30,314	0.94	2.27	29.2	31,042
Mit.	2.60	2.25	56.4	88.9	0.24	0.57	7.65	8.22	0.57	2.15	2.71	—	30,314	30,314	0.94	2.27	29.2	31,042
% Reduced	74%	72%	39%	-37%	—	83%	—	25%	81%	—	48%	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	9.85	8.04	92.9	64.6	0.24	3.30	7.65	11.0	3.06	2.15	5.20	—	30,292	30,292	0.94	2.27	0.76	30,991
Mit.	2.58	2.23	57.1	88.5	0.24	0.57	7.65	8.22	0.57	2.15	2.71	—	30,292	30,292	0.94	2.27	0.76	30,991
% Reduced	74%	72%	39%	-37%	—	83%	—	25%	81%	—	48%	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.97	1.61	18.5	13.0	0.05	0.66	1.50	2.16	0.61	0.42	1.03	—	5,983	5,983	0.19	0.44	2.47	6,123
Mit.	0.52	0.45	11.4	17.7	0.05	0.11	1.50	1.61	0.11	0.42	0.53	—	5,983	5,983	0.19	0.44	2.47	6,123
% Reduced	74%	72%	39%	-36%	—	83%	—	25%	82%	—	49%	—	—	—	—	—	—	—

Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.36	0.29	3.38	2.37	0.01	0.12	0.27	0.40	0.11	0.08	0.19	—	991	991	0.03	0.07	0.41	1,014
Mit.	0.09	0.08	2.08	3.22	0.01	0.02	0.27	0.29	0.02	0.08	0.10	—	991	991	0.03	0.07	0.41	1,014
% Reduced	74%	72%	39%	-36%	—	83%	—	25%	82%	—	49%	—	—	—	—	—	—	—

## 2.2. Construction Emissions by Year, Unmitigated

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	9.87	8.06	92.2	65.0	0.24	3.30	7.65	11.0	3.06	2.15	5.20	—	30,314	30,314	0.94	2.27	29.2	31,042
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	9.85	8.04	92.9	64.6	0.24	3.30	7.65	11.0	3.06	2.15	5.20	—	30,292	30,292	0.93	2.27	0.76	30,991
2025	8.88	7.22	80.0	59.6	0.24	2.81	7.65	10.5	2.60	2.15	4.75	—	30,074	30,074	0.94	2.18	0.75	30,748
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	1.97	1.61	18.5	13.0	0.05	0.66	1.50	2.16	0.61	0.42	1.03	—	5,983	5,983	0.19	0.44	2.47	6,123
2025	1.39	1.13	12.5	9.34	0.04	0.44	1.19	1.63	0.41	0.33	0.74	—	4,708	4,708	0.15	0.34	1.94	4,816
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.36	0.29	3.38	2.37	0.01	0.12	0.27	0.40	0.11	0.08	0.19	—	991	991	0.03	0.07	0.41	1,014
2025	0.25	0.21	2.29	1.70	0.01	0.08	0.22	0.30	0.07	0.06	0.14	—	779	779	0.02	0.06	0.32	797

## 2.3. Construction Emissions by Year, Mitigated

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	2.60	2.25	56.4	88.9	0.24	0.57	7.65	8.22	0.57	2.15	2.71	—	30,314	30,314	0.94	2.27	29.2	31,042
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	2.58	2.23	57.1	88.5	0.24	0.57	7.65	8.22	0.57	2.15	2.71	—	30,292	30,292	0.93	2.27	0.76	30,991
2025	2.56	2.22	56.6	88.3	0.24	0.57	7.65	8.22	0.57	2.15	2.71	—	30,074	30,074	0.94	2.18	0.75	30,748
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.52	0.45	11.4	17.7	0.05	0.11	1.50	1.61	0.11	0.42	0.53	—	5,983	5,983	0.19	0.44	2.47	6,123
2025	0.40	0.35	8.88	13.8	0.04	0.09	1.19	1.28	0.09	0.33	0.42	—	4,708	4,708	0.15	0.34	1.94	4,816
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.09	0.08	2.08	3.22	0.01	0.02	0.27	0.29	0.02	0.08	0.10	—	991	991	0.03	0.07	0.41	1,014
2025	0.07	0.06	1.62	2.52	0.01	0.02	0.22	0.23	0.02	0.06	0.08	—	779	779	0.02	0.06	0.32	797

### 3. Construction Emissions Details

#### 3.1. Demolition (2024) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.78	1.49	14.4	14.1	0.02	0.62	—	0.62	0.57	—	0.57	—	2,203	2,203	0.09	0.02	—	2,211

Demolition	—	—	—	—	—	—	0.18	0.18	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.16	0.15	< 0.005	0.01	—	0.01	0.01	—	0.01	—	24.1	24.1	< 0.005	< 0.005	—	24.2
Demolition	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.03	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.00	4.00	< 0.005	< 0.005	—	4.01
Demolition	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.05	0.05	0.83	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	144	144	0.01	< 0.005	0.57	146
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	0.01	< 0.005	0.26	0.06	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	228	228	< 0.005	0.04	0.48	239
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.47	1.47	< 0.005	< 0.005	< 0.005	1.49
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	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.50	2.50	< 0.005	< 0.005	< 0.005	2.62
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.24	0.24	< 0.005	< 0.005	< 0.005	0.25
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	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.41	0.41	< 0.005	< 0.005	< 0.005	0.43

### 3.2. Demolition (2024) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.48	0.44	7.29	12.6	0.02	0.09	—	0.09	0.08	—	0.08	—	2,203	2,203	0.09	0.02	—	2,211
Demolition	—	—	—	—	—	—	0.18	0.18	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	< 0.005	0.08	0.14	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	24.1	24.1	< 0.005	< 0.005	—	24.2

Demolition	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.00	4.00	< 0.005	< 0.005	—	4.01
Demolition	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.05	0.05	0.83	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	144	144	0.01	< 0.005	0.57	146
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	0.01	< 0.005	0.26	0.06	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	228	228	< 0.005	0.04	0.48	239
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.47	1.47	< 0.005	< 0.005	< 0.005	1.49
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	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.50	2.50	< 0.005	< 0.005	< 0.005	2.62
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.24	0.24	< 0.005	< 0.005	< 0.005	0.25
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	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.41	0.41	< 0.005	< 0.005	< 0.005	0.43



## 3.3. Site Preparation (2024) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.85	0.72	6.24	6.16	0.01	0.40	—	0.40	0.37	—	0.37	—	916	916	0.04	0.01	—	919
Dust From Material Movement:	—	—	—	—	—	—	0.28	0.28	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.17	0.17	< 0.005	0.01	—	0.01	0.01	—	0.01	—	25.1	25.1	< 0.005	< 0.005	—	25.2
Dust From Material Movement:	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.03	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.16	4.16	< 0.005	< 0.005	—	4.17

Dust From Material Movement:	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.02	0.42	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	72.0	72.0	< 0.005	< 0.005	0.29	73.1
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.84	1.84	< 0.005	< 0.005	< 0.005	1.86
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.30	0.30	< 0.005	< 0.005	< 0.005	0.31
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

### 3.4. Site Preparation (2024) - Mitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.14	3.72	6.40	0.01	0.02	—	0.02	0.02	—	0.02	—	916	916	0.04	0.01	—	919
Dust From Material Movement:	—	—	—	—	—	—	0.28	0.28	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.10	0.18	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	25.1	25.1	< 0.005	< 0.005	—	25.2
Dust From Material Movement:	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.16	4.16	< 0.005	< 0.005	—	4.17
Dust From Material Movement:	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.02	0.42	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	72.0	72.0	< 0.005	< 0.005	0.29	73.1
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.84	1.84	< 0.005	< 0.005	< 0.005	1.86
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.30	0.30	< 0.005	< 0.005	< 0.005	0.31
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

### 3.5. Grading (2024) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	9.19	7.72	77.2	59.3	0.16	3.05	—	3.05	2.81	—	2.81	—	16,822	16,822	0.68	0.14	—	16,880

Dust From Material Movement:	—	—	—	—	—	—	3.93	3.93	—	1.12	1.12	—	—	—	—	—	—	—
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	9.19	7.72	77.2	59.3	0.16	3.05	—	3.05	2.81	—	2.81	—	16,822	16,822	0.68	0.14	—	16,880
Dust From Material Movement:	—	—	—	—	—	—	3.93	3.93	—	1.12	1.12	—	—	—	—	—	—	—
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	1.80	1.51	15.1	11.6	0.03	0.60	—	0.60	0.55	—	0.55	—	3,292	3,292	0.13	0.03	—	3,303
Dust From Material Movement:	—	—	—	—	—	—	0.77	0.77	—	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	0.33	0.28	2.76	2.12	0.01	0.11	—	0.11	0.10	—	0.10	—	545	545	0.02	< 0.005	—	547
Dust From Material Movement:	—	—	—	—	—	—	0.14	0.14	—	0.04	0.04	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.14	0.13	0.12	2.09	0.00	0.00	0.33	0.33	0.00	0.08	0.08	—	360	360	0.02	0.01	1.43	365
Vendor	0.00	0.00	0.00	0.00	0.00	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	0.54	0.21	14.8	3.58	0.09	0.25	3.39	3.64	0.25	0.95	1.20	—	13,132	13,132	0.24	2.12	27.8	13,797
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.12	0.14	1.58	0.00	0.00	0.33	0.33	0.00	0.08	0.08	—	331	331	0.02	0.01	0.04	335
Vendor	0.00	0.00	0.00	0.00	0.00	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	0.52	0.19	15.5	3.64	0.09	0.25	3.39	3.64	0.25	0.95	1.20	—	13,139	13,139	0.24	2.12	0.72	13,776
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.02	0.03	0.33	0.00	0.00	0.06	0.06	0.00	0.01	0.01	—	65.5	65.5	< 0.005	< 0.005	0.12	66.5
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	0.10	0.04	3.04	0.70	0.02	0.05	0.66	0.70	0.05	0.18	0.23	—	2,570	2,570	0.05	0.41	2.34	2,697
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.06	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	10.9	10.9	< 0.005	< 0.005	0.02	11.0
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	0.02	0.01	0.56	0.13	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	426	426	0.01	0.07	0.39	447

### 3.6. Grading (2024) - Mitigated

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

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

Off-Road Equipment	1.92	1.92	41.5	83.2	0.16	0.32	—	0.32	0.32	—	0.32	—	16,822	16,822	0.68	0.14	—	16,880
Dust From Material Movement:	—	—	—	—	—	—	3.93	3.93	—	1.12	1.12	—	—	—	—	—	—	—
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	1.92	1.92	41.5	83.2	0.16	0.32	—	0.32	0.32	—	0.32	—	16,822	16,822	0.68	0.14	—	16,880
Dust From Material Movement:	—	—	—	—	—	—	3.93	3.93	—	1.12	1.12	—	—	—	—	—	—	—
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	0.38	0.38	8.12	16.3	0.03	0.06	—	0.06	0.06	—	0.06	—	3,292	3,292	0.13	0.03	—	3,303
Dust From Material Movement:	—	—	—	—	—	—	0.77	0.77	—	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	0.07	0.07	1.48	2.97	0.01	0.01	—	0.01	0.01	—	0.01	—	545	545	0.02	< 0.005	—	547
Dust From Material Movement:	—	—	—	—	—	—	0.14	0.14	—	0.04	0.04	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.14	0.13	0.12	2.09	0.00	0.00	0.33	0.33	0.00	0.08	0.08	—	360	360	0.02	0.01	1.43	365	
Vendor	0.00	0.00	0.00	0.00	0.00	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	0.54	0.21	14.8	3.58	0.09	0.25	3.39	3.64	0.25	0.95	1.20	—	13,132	13,132	0.24	2.12	27.8	13,797	
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	0.13	0.12	0.14	1.58	0.00	0.00	0.33	0.33	0.00	0.08	0.08	—	331	331	0.02	0.01	0.04	335	
Vendor	0.00	0.00	0.00	0.00	0.00	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	0.52	0.19	15.5	3.64	0.09	0.25	3.39	3.64	0.25	0.95	1.20	—	13,139	13,139	0.24	2.12	0.72	13,776	
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	0.03	0.02	0.03	0.33	0.00	0.00	0.06	0.06	0.00	0.01	0.01	—	65.5	65.5	< 0.005	< 0.005	0.12	66.5	
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	0.10	0.04	3.04	0.70	0.02	0.05	0.66	0.70	0.05	0.18	0.23	—	2,570	2,570	0.05	0.41	2.34	2,697	
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	< 0.005	< 0.005	0.01	0.06	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	10.9	10.9	< 0.005	< 0.005	0.02	11.0	
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	0.02	0.01	0.56	0.13	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	426	426	0.01	0.07	0.39	447	

### 3.7. Grading (2025) - Unmitigated

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

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



Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	8.24	6.93	64.9	54.6	0.16	2.56	—	2.56	2.35	—	2.35	—	16,821	16,821	0.68	0.14	—	16,879
Dust From Material Movement	—	—	—	—	—	—	3.93	3.93	—	1.12	1.12	—	—	—	—	—	—	—
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	1.29	1.08	10.2	8.54	0.02	0.40	—	0.40	0.37	—	0.37	—	2,634	2,634	0.11	0.02	—	2,643
Dust From Material Movement	—	—	—	—	—	—	0.62	0.62	—	0.17	0.17	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.24	0.20	1.85	1.56	< 0.005	0.07	—	0.07	0.07	—	0.07	—	436	436	0.02	< 0.005	—	438
Dust From Material Movement	—	—	—	—	—	—	0.11	0.11	—	0.03	0.03	—	—	—	—	—	—	—
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	0.12	0.11	0.12	1.46	0.00	0.00	0.33	0.33	0.00	0.08	0.08	—	324	324	0.02	0.01	0.03	328
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	0.52	0.19	15.0	3.56	0.09	0.25	3.39	3.64	0.25	0.95	1.20	—	12,928	12,928	0.24	2.03	0.71	13,541
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.24	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	51.4	51.4	< 0.005	< 0.005	0.09	52.1
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.08	0.03	2.37	0.55	0.01	0.04	0.52	0.56	0.04	0.15	0.19	—	2,023	2,023	0.04	0.32	1.85	2,121
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	8.50	8.50	< 0.005	< 0.005	0.01	8.62
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	0.02	0.01	0.43	0.10	< 0.005	0.01	0.10	0.10	0.01	0.03	0.03	—	335	335	0.01	0.05	0.31	351

### 3.8. Grading (2025) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.92	1.92	41.5	83.2	0.16	0.32	—	0.32	0.32	—	0.32	—	16,821	16,821	0.68	0.14	—	16,879

Dust From Material Movement:	—	—	—	—	—	—	3.93	3.93	—	1.12	1.12	—	—	—	—	—	—	—
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	0.30	0.30	6.49	13.0	0.02	0.05	—	0.05	0.05	—	0.05	—	2,634	2,634	0.11	0.02	—	2,643
Dust From Material Movement:	—	—	—	—	—	—	0.62	0.62	—	0.17	0.17	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.05	1.18	2.38	< 0.005	0.01	—	0.01	0.01	—	0.01	—	436	436	0.02	< 0.005	—	438
Dust From Material Movement:	—	—	—	—	—	—	0.11	0.11	—	0.03	0.03	—	—	—	—	—	—	—
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	0.12	0.11	0.12	1.46	0.00	0.00	0.33	0.33	0.00	0.08	0.08	—	324	324	0.02	0.01	0.03	328
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	0.52	0.19	15.0	3.56	0.09	0.25	3.39	3.64	0.25	0.95	1.20	—	12,928	12,928	0.24	2.03	0.71	13,541

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.24	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	51.4	51.4	< 0.005	< 0.005	0.09	52.1
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.08	0.03	2.37	0.55	0.01	0.04	0.52	0.56	0.04	0.15	0.19	—	2,023	2,023	0.04	0.32	1.85	2,121
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	8.50	8.50	< 0.005	< 0.005	0.01	8.62
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	0.02	0.01	0.43	0.10	< 0.005	0.01	0.10	0.10	0.01	0.03	0.03	—	335	335	0.01	0.05	0.31	351

## 4. Operations Emissions Details

### 4.10. Soil Carbon Accumulation By Vegetation Type

#### 4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

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

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

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

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

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

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

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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Sequest	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Remove d	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequest ered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Remove d	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequest ered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Remove d	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—



## 5. Activity Data

### 5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Demolition	Demolition	9/3/2024	9/6/2024	5.00	4.00	—
Site Preparation	Site Preparation	9/9/2024	9/20/2024	5.00	10.0	—
Grading	Grading	9/23/2024	3/21/2025	5.00	130	—

### 5.2. Off-Road Equipment

#### 5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition	Concrete/Industrial Saws	Diesel	Average	1.00	8.00	33.0	0.73
Demolition	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Demolition	Tractors/Loaders/Backhoes	Diesel	Average	2.00	8.00	84.0	0.37
Site Preparation	Graders	Diesel	Average	1.00	8.00	148	0.41
Site Preparation	Crawler Tractors	Diesel	Average	1.00	8.00	87.0	0.43
Grading	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Grading	Scrapers	Diesel	Average	8.00	8.00	423	0.48
Grading	Tractors/Loaders/Backhoes	Diesel	Average	1.00	8.00	84.0	0.37

#### 5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition	Concrete/Industrial Saws	Diesel	Average	1.00	8.00	33.0	0.73

Demolition	Rubber Tired Dozers	Diesel	Tier 4 Interim	1.00	8.00	367	0.40
Demolition	Tractors/Loaders/Backhoes	Diesel	Tier 4 Interim	2.00	8.00	84.0	0.37
Site Preparation	Graders	Diesel	Tier 4 Interim	1.00	8.00	148	0.41
Site Preparation	Crawler Tractors	Diesel	Tier 4 Interim	1.00	8.00	87.0	0.43
Grading	Rubber Tired Dozers	Diesel	Tier 4 Interim	1.00	8.00	367	0.40
Grading	Scrapers	Diesel	Tier 4 Interim	8.00	8.00	423	0.48
Grading	Tractors/Loaders/Backhoes	Diesel	Tier 4 Interim	1.00	8.00	84.0	0.37

### 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	10.0	18.5	LDA,LDT1,LDT2
Demolition	Vendor	—	10.2	HHDT,MHDT
Demolition	Hauling	3.25	20.0	HHDT
Demolition	Onsite truck	—	—	HHDT
Site Preparation	—	—	—	—
Site Preparation	Worker	5.00	18.5	LDA,LDT1,LDT2
Site Preparation	Vendor	—	10.2	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	25.0	18.5	LDA,LDT1,LDT2
Grading	Vendor	—	10.2	HHDT,MHDT
Grading	Hauling	188	20.0	HHDT

Grading	Onsite truck	—	—	HHDT
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5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition	—	—	—	—
Demolition	Worker	10.0	18.5	LDA,LDT1,LDT2
Demolition	Vendor	—	10.2	HHDT,MHDT
Demolition	Hauling	3.25	20.0	HHDT
Demolition	Onsite truck	—	—	HHDT
Site Preparation	—	—	—	—
Site Preparation	Worker	5.00	18.5	LDA,LDT1,LDT2
Site Preparation	Vendor	—	10.2	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	25.0	18.5	LDA,LDT1,LDT2
Grading	Vendor	—	10.2	HHDT,MHDT
Grading	Hauling	188	20.0	HHDT
Grading	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)
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### 5.6. Dust Mitigation

#### 5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (cy)	Material Exported (cy)	Acres Graded (acres)	Material Demolished (Ton of Debris)	Acres Paved (acres)
Demolition	0.00	0.00	0.00	51.7	—
Site Preparation	—	—	10.0	0.00	—
Grading	—	195,000	1,105	0.00	—

#### 5.6.2. Construction Earthmoving Control Strategies

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

### 5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
User Defined Recreational	0.00	0%

### 5.8. Construction Electricity Consumption and Emissions Factors

#### kWh per Year and Emission Factor (lb/MWh)

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

### 5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

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

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

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres
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5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres
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5.18.2. Sequestration

5.18.2.1. Unmitigated

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

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)
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6. Climate Risk Detailed Report

### 6.1. Climate Risk Summary

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

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	27.8	annual days of extreme heat
Extreme Precipitation	5.10	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	21.4	annual hectares burned

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

Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

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

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

### 6.2. Initial Climate Risk Scores

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

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

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

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

### 6.3. Adjusted Climate Risk Scores

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

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

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

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

### 6.4. Climate Risk Reduction Measures

## 7. Health and Equity Details

### 7.1. CalEnviroScreen 4.0 Scores

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

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	99.1

AQ-PM	44.4
AQ-DPM	19.3
Drinking Water	61.3
Lead Risk Housing	16.1
Pesticides	0.45
Toxic Releases	39.8
Traffic	65.0
Effect Indicators	—
CleanUp Sites	0.00
Groundwater	0.00
Haz Waste Facilities/Generators	0.00
Impaired Water Bodies	0.00
Solid Waste	52.9
Sensitive Population	—
Asthma	45.2
Cardio-vascular	75.9
Low Birth Weights	18.4
Socioeconomic Factor Indicators	—
Education	32.9
Housing	19.8
Linguistic	1.81
Poverty	46.2
Unemployment	69.1

### 7.2. Healthy Places Index Scores

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

Indicator	Result for Project Census Tract
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Economic	—
Above Poverty	57.06403182
Employed	10.49659951
Median HI	46.67008854
Education	—
Bachelor's or higher	46.81124086
High school enrollment	100
Preschool enrollment	4.991659181
Transportation	—
Auto Access	29.74464263
Active commuting	37.03323495
Social	—
2-parent households	74.47709483
Voting	70.97395098
Neighborhood	—
Alcohol availability	88.20736558
Park access	5.581932504
Retail density	9.867830104
Supermarket access	2.399589375
Tree canopy	13.89708713
Housing	—
Homeownership	82.25330425
Housing habitability	84.39625305
Low-inc homeowner severe housing cost burden	92.15963044
Low-inc renter severe housing cost burden	74.33594251
Uncrowded housing	63.4800462
Health Outcomes	—

Insured adults	55.78082895
Arthritis	0.0
Asthma ER Admissions	53.3
High Blood Pressure	0.0
Cancer (excluding skin)	0.0
Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	22.7
Cognitively Disabled	17.4
Physically Disabled	21.0
Heart Attack ER Admissions	9.4
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	19.6
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	61.7
SLR Inundation Area	0.0
Children	96.8

Elderly	4.1
English Speaking	82.0
Foreign-born	28.9
Outdoor Workers	19.1
Climate Change Adaptive Capacity	—
Impervious Surface Cover	94.1
Traffic Density	36.2
Traffic Access	23.0
Other Indices	—
Hardship	56.0
Other Decision Support	—
2016 Voting	77.9

### 7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	29.0
Healthy Places Index Score for Project Location (b)	38.0
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
Land Use	Total Project area is 95.05 acres
Construction: Construction Phases	Construction dates provided by Applicant
Construction: Off-Road Equipment	Construction equipment provided by the Applicant

# Oak Valley North SP (PA 1 Construction) Detailed Report

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# 1. Basic Project Information

## 1.1. Basic Project Information

Data Field	Value
Project Name	Oak Valley North SP (PA 1 Construction)
Construction Start Date	3/24/2025
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.50
Precipitation (days)	25.8
Location	33.97626808653549, -117.04178063161832
County	Riverside-South Coast
City	Calimesa
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5628
EDFZ	11
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.14

## 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	982	1000sqft	22.5	982,232	0.00	0.00	—	—

Parking Lot	917	Space	4.56	0.00	0.00	0.00	—	—
Other Asphalt Surfaces	1,357	1000sqft	31.2	0.00	0.00	0.00	—	—
Parking Lot	25.6	Acre	25.6	0.00	0.00	0.00	—	—

### 1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-5	Use Advanced Engine Tiers

## 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.	6.24	60.5	32.0	68.4	0.08	1.35	8.04	9.39	1.25	1.94	3.19	—	16,608	16,608	0.59	1.04	40.4	16,973
Mit.	4.36	59.0	26.3	70.8	0.08	0.33	8.04	8.38	0.32	1.94	2.26	—	16,608	16,608	0.59	1.04	40.4	16,973
% Reduced	30%	2%	18%	-3%	—	75%	—	11%	74%	—	29%	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	4.87	57.1	24.9	48.0	0.07	1.00	7.85	8.85	0.93	1.90	2.82	—	14,326	14,326	0.53	1.02	1.03	14,644
Mit.	3.44	55.9	19.9	49.7	0.07	0.23	7.85	8.08	0.22	1.90	2.12	—	14,326	14,326	0.53	1.02	1.03	14,644
% Reduced	29%	2%	20%	-4%	—	77%	—	9%	76%	—	25%	—	—	—	—	—	—	—

Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.65	17.2	14.5	27.0	0.04	0.59	3.92	4.51	0.55	0.95	1.50	—	7,749	7,749	0.28	0.54	8.81	7,926
Mit.	1.80	16.5	11.7	28.0	0.04	0.13	3.92	4.05	0.13	0.95	1.08	—	7,749	7,749	0.28	0.54	8.81	7,926
% Reduced	32%	4%	19%	-4%	—	78%	—	10%	77%	—	28%	—	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.48	3.14	2.64	4.92	0.01	0.11	0.72	0.82	0.10	0.17	0.27	—	1,283	1,283	0.05	0.09	1.46	1,312
Mit.	0.33	3.01	2.13	5.12	0.01	0.02	0.72	0.74	0.02	0.17	0.20	—	1,283	1,283	0.05	0.09	1.46	1,312
% Reduced	32%	4%	19%	-4%	—	78%	—	10%	77%	—	28%	—	—	—	—	—	—	—

## 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	6.24	60.5	32.0	68.4	0.08	1.35	8.04	9.39	1.25	1.94	3.19	—	16,608	16,608	0.59	1.04	40.4	16,973
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	4.87	57.1	24.9	48.0	0.07	1.00	7.85	8.85	0.93	1.90	2.82	—	14,326	14,326	0.53	1.02	1.03	14,644
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	2.65	17.2	14.5	27.0	0.04	0.59	3.92	4.51	0.55	0.95	1.50	—	7,749	7,749	0.28	0.54	8.81	7,926
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.48	3.14	2.64	4.92	0.01	0.11	0.72	0.82	0.10	0.17	0.27	—	1,283	1,283	0.05	0.09	1.46	1,312

## 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	4.36	59.0	26.3	70.8	0.08	0.33	8.04	8.38	0.32	1.94	2.26	—	16,608	16,608	0.59	1.04	40.4	16,973
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	3.44	55.9	19.9	49.7	0.07	0.23	7.85	8.08	0.22	1.90	2.12	—	14,326	14,326	0.53	1.02	1.03	14,644
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	1.80	16.5	11.7	28.0	0.04	0.13	3.92	4.05	0.13	0.95	1.08	—	7,749	7,749	0.28	0.54	8.81	7,926
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.33	3.01	2.13	5.12	0.01	0.02	0.72	0.74	0.02	0.17	0.20	—	1,283	1,283	0.05	0.09	1.46	1,312

## 3. Construction Emissions Details

### 3.1. Building Construction (2025) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.11	1.77	15.7	15.8	0.03	0.89	—	0.89	0.82	—	0.82	—	2,805	2,805	0.11	0.02	—	2,815
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.11	1.77	15.7	15.8	0.03	0.89	—	0.89	0.82	—	0.82	—	2,805	2,805	0.11	0.02	—	2,815
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.14	0.96	8.46	8.55	0.01	0.48	—	0.48	0.44	—	0.44	—	1,514	1,514	0.06	0.01	—	1,519
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	0.21	0.17	1.54	1.56	< 0.005	0.09	—	0.09	0.08	—	0.08	—	251	251	0.01	< 0.005	—	252
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	2.22	1.85	1.81	31.9	0.00	0.00	5.39	5.39	0.00	1.26	1.26	—	5,814	5,814	0.24	0.20	21.4	5,903
Vendor	0.22	0.11	5.41	1.68	0.04	0.07	1.38	1.45	0.07	0.38	0.45	—	4,925	4,925	0.11	0.75	14.0	5,165
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.95	1.74	1.99	24.1	0.00	0.00	5.39	5.39	0.00	1.26	1.26	—	5,345	5,345	0.25	0.20	0.55	5,413
Vendor	0.22	0.10	5.66	1.73	0.04	0.07	1.38	1.45	0.07	0.38	0.45	—	4,929	4,929	0.11	0.75	0.36	5,155
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	1.04	0.93	1.17	13.7	0.00	0.00	2.86	2.86	0.00	0.67	0.67	—	2,922	2,922	0.13	0.11	4.97	2,963
Vendor	0.12	0.06	3.05	0.92	0.02	0.04	0.73	0.77	0.04	0.20	0.24	—	2,659	2,659	0.06	0.40	3.27	2,784
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	0.19	0.17	0.21	2.51	0.00	0.00	0.52	0.52	0.00	0.12	0.12	—	484	484	0.02	0.02	0.82	491
Vendor	0.02	0.01	0.56	0.17	< 0.005	0.01	0.13	0.14	0.01	0.04	0.04	—	440	440	0.01	0.07	0.54	461
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. Building Construction (2025) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.68	0.62	10.7	17.6	0.03	0.12	—	0.12	0.11	—	0.11	—	2,805	2,805	0.11	0.02	—	2,815
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.68	0.62	10.7	17.6	0.03	0.12	—	0.12	0.11	—	0.11	—	2,805	2,805	0.11	0.02	—	2,815
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.37	0.34	5.76	9.49	0.01	0.07	—	0.07	0.06	—	0.06	—	1,514	1,514	0.06	0.01	—	1,519

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.06	1.05	1.73	< 0.005	0.01	—	0.01	0.01	—	0.01	—	251	251	0.01	< 0.005	—	252	
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	2.22	1.85	1.81	31.9	0.00	0.00	5.39	5.39	0.00	1.26	1.26	—	5,814	5,814	0.24	0.20	21.4	5,903	
Vendor	0.22	0.11	5.41	1.68	0.04	0.07	1.38	1.45	0.07	0.38	0.45	—	4,925	4,925	0.11	0.75	14.0	5,165	
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	1.95	1.74	1.99	24.1	0.00	0.00	5.39	5.39	0.00	1.26	1.26	—	5,345	5,345	0.25	0.20	0.55	5,413	
Vendor	0.22	0.10	5.66	1.73	0.04	0.07	1.38	1.45	0.07	0.38	0.45	—	4,929	4,929	0.11	0.75	0.36	5,155	
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	1.04	0.93	1.17	13.7	0.00	0.00	2.86	2.86	0.00	0.67	0.67	—	2,922	2,922	0.13	0.11	4.97	2,963	
Vendor	0.12	0.06	3.05	0.92	0.02	0.04	0.73	0.77	0.04	0.20	0.24	—	2,659	2,659	0.06	0.40	3.27	2,784	
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	0.19	0.17	0.21	2.51	0.00	0.00	0.52	0.52	0.00	0.12	0.12	—	484	484	0.02	0.02	0.82	491	
Vendor	0.02	0.01	0.56	0.17	< 0.005	0.01	0.13	0.14	0.01	0.04	0.04	—	440	440	0.01	0.07	0.54	461	
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. Paving (2025) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.95	0.80	7.45	9.98	0.01	0.35	—	0.35	0.32	—	0.32	—	1,511	1,511	0.06	0.01	—	1,517
Paving	—	2.43	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	0.14	1.35	1.80	< 0.005	0.06	—	0.06	0.06	—	0.06	—	273	273	0.01	< 0.005	—	274
Paving	—	0.44	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.25	0.33	< 0.005	0.01	—	0.01	0.01	—	0.01	—	45.2	45.2	< 0.005	< 0.005	—	45.4
Paving	—	0.08	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—



Worker	0.08	0.07	0.07	1.16	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	211	211	0.01	0.01	0.78	215
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.17	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	35.6	35.6	< 0.005	< 0.005	0.06	36.1
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.89	5.89	< 0.005	< 0.005	0.01	5.98
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

### 3.4. Paving (2025) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.51	0.46	6.78	10.6	0.01	0.10	—	0.10	0.10	—	0.10	—	1,511	1,511	0.06	0.01	—	1,517
Paving	—	2.43	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.08	1.23	1.92	< 0.005	0.02	—	0.02	0.02	—	0.02	—	273	273	0.01	< 0.005	—	274
Paving	—	0.44	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.22	0.35	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	45.2	45.2	< 0.005	< 0.005	—	45.4
Paving	—	0.08	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.07	1.16	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	211	211	0.01	0.01	0.78	215
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.17	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	35.6	35.6	< 0.005	< 0.005	0.06	36.1
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.89	5.89	< 0.005	< 0.005	0.01	5.98
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

### 3.5. Architectural Coating (2025) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.21	0.17	1.18	1.52	< 0.005	0.04	—	0.04	0.03	—	0.03	—	178	178	0.01	< 0.005	—	179
Architect ural Coatings	—	53.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.21	0.17	1.18	1.52	< 0.005	0.04	—	0.04	0.03	—	0.03	—	178	178	0.01	< 0.005	—	179
Architect ural Coatings	—	53.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.05	0.32	0.42	< 0.005	0.01	—	0.01	0.01	—	0.01	—	48.8	48.8	< 0.005	< 0.005	—	48.9

Architect Coatings	—	14.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.06	0.08	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.08	8.08	< 0.005	< 0.005	—	8.10
Architect ural Coatings	—	2.65	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.44	0.37	0.36	6.37	0.00	0.00	1.08	1.08	0.00	0.25	0.25	—	1,163	1,163	0.05	0.04	4.27	1,181
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	0.39	0.35	0.40	4.81	0.00	0.00	1.08	1.08	0.00	0.25	0.25	—	1,069	1,069	0.05	0.04	0.11	1,083
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	0.12	1.39	0.00	0.00	0.29	0.29	0.00	0.07	0.07	—	297	297	0.01	0.01	0.50	301
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	0.05	0.05	0.00	0.01	0.01	—	49.1	49.1	< 0.005	< 0.005	0.08	49.8

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

### 3.6. Architectural Coating (2025) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e	
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.21	0.17	1.18	1.52	< 0.005	0.04	—	0.04	0.03	—	0.03	—	178	178	0.01	< 0.005	—	179	
Architectural Coatings	—	53.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.21	0.17	1.18	1.52	< 0.005	0.04	—	0.04	0.03	—	0.03	—	178	178	0.01	< 0.005	—	179	
Architectural Coatings	—	53.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.05	0.32	0.42	< 0.005	0.01	—	0.01	0.01	—	0.01	—	48.8	48.8	< 0.005	< 0.005	—	48.9	

Architectural Coatings	—	14.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.06	0.08	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.08	8.08	< 0.005	< 0.005	—	8.10
Architectural Coatings	—	2.65	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.44	0.37	0.36	6.37	0.00	0.00	1.08	1.08	0.00	0.25	0.25	—	1,163	1,163	0.05	0.04	4.27	1,181
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	0.39	0.35	0.40	4.81	0.00	0.00	1.08	1.08	0.00	0.25	0.25	—	1,069	1,069	0.05	0.04	0.11	1,083
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	0.12	1.39	0.00	0.00	0.29	0.29	0.00	0.07	0.07	—	297	297	0.01	0.01	0.50	301
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	0.05	0.05	0.00	0.01	0.01	—	49.1	49.1	< 0.005	< 0.005	0.08	49.8
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

## 4. Operations Emissions Details

### 4.10. Soil Carbon Accumulation By Vegetation Type

#### 4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

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

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

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

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

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

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



Remove	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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

### 5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Building Construction	Building Construction	3/24/2025	12/23/2025	5.00	197	—
Paving	Paving	6/16/2025	9/15/2025	5.00	66.0	—

Architectural Coating	Architectural Coating	8/6/2025	12/23/2025	5.00	100	—
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## 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
Building Construction	Cranes	Diesel	Average	1.00	8.00	367	0.29
Building Construction	Forklifts	Diesel	Average	3.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction	Welders	Diesel	Average	1.00	8.00	46.0	0.45
Building Construction	Crawler Tractors	Diesel	Average	3.00	8.00	87.0	0.43
Paving	Pavers	Diesel	Average	2.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Average	2.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Average	2.00	8.00	36.0	0.38
Architectural Coating	Air Compressors	Diesel	Average	1.00	8.00	37.0	0.48

### 5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Building Construction	Cranes	Diesel	Tier 4 Interim	1.00	8.00	367	0.29
Building Construction	Forklifts	Diesel	Tier 4 Interim	3.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction	Welders	Diesel	Average	1.00	8.00	46.0	0.45
Building Construction	Crawler Tractors	Diesel	Tier 4 Interim	3.00	8.00	87.0	0.43
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	1.00	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
Building Construction	—	—	—	—
Building Construction	Worker	413	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	161	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	—	10.2	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	82.5	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	10.2	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

### 5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Building Construction	—	—	—	—
Building Construction	Worker	413	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	161	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	—	10.2	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	82.5	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	10.2	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

## 5.4. Vehicles

### 5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

## 5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	0.00	0.00	1,473,348	491,116	160,313

## 5.6. Dust Mitigation

### 5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (cy)	Material Exported (cy)	Acres Graded (acres)	Material Demolished (sq. ft.)	Acres Paved (acres)
Paving	0.00	0.00	0.00	0.00	61.3

### 5.6.2. Construction Earthmoving Control Strategies

Non-applicable. No control strategies activated by user.

## 5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Unrefrigerated Warehouse-No Rail	0.00	0%
Parking Lot	4.56	100%
Other Asphalt Surfaces	31.2	100%
Parking Lot	25.6	100%

## 5.8. Construction Electricity Consumption and Emissions Factors

### kWh per Year and Emission Factor (lb/MWh)

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

## 5.18. Vegetation

### 5.18.1. Land Use Change

#### 5.18.1.1. Unmitigated

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

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

#### 5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres
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## 5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres
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## 5.18.2. Sequestration

## 5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)
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## 5.18.2.2. Mitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)
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## 6. Climate Risk Detailed Report

### 6.1. Climate Risk Summary

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

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	27.8	annual days of extreme heat
Extreme Precipitation	5.10	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	21.4	annual hectares burned

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

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

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



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

## 6.2. Initial Climate Risk Scores

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

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

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

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

## 6.3. Adjusted Climate Risk Scores

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

Air Quality Degradation	N/A	N/A	N/A	N/A
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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	44.4
AQ-DPM	19.3
Drinking Water	61.3
Lead Risk Housing	16.1
Pesticides	0.45
Toxic Releases	39.8
Traffic	65.0
Effect Indicators	—
CleanUp Sites	0.00
Groundwater	0.00
Haz Waste Facilities/Generators	0.00
Impaired Water Bodies	0.00
Solid Waste	52.9

Sensitive Population	—
Asthma	45.2
Cardio-vascular	75.9
Low Birth Weights	18.4
Socioeconomic Factor Indicators	—
Education	32.9
Housing	19.8
Linguistic	1.81
Poverty	46.2
Unemployment	69.1

## 7.2. Healthy Places Index Scores

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

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	57.06403182
Employed	10.49659951
Median HI	46.67008854
Education	—
Bachelor's or higher	46.81124086
High school enrollment	100
Preschool enrollment	4.991659181
Transportation	—
Auto Access	29.74464263
Active commuting	37.03323495
Social	—
2-parent households	74.47709483

Voting	70.97395098
Neighborhood	—
Alcohol availability	88.20736558
Park access	5.581932504
Retail density	9.867830104
Supermarket access	2.399589375
Tree canopy	13.89708713
Housing	—
Homeownership	82.25330425
Housing habitability	84.39625305
Low-inc homeowner severe housing cost burden	92.15963044
Low-inc renter severe housing cost burden	74.33594251
Uncrowded housing	63.4800462
Health Outcomes	—
Insured adults	55.78082895
Arthritis	0.0
Asthma ER Admissions	53.3
High Blood Pressure	0.0
Cancer (excluding skin)	0.0
Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	22.7
Cognitively Disabled	17.4
Physically Disabled	21.0
Heart Attack ER Admissions	9.4

Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	19.6
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	61.7
SLR Inundation Area	0.0
Children	96.8
Elderly	4.1
English Speaking	82.0
Foreign-born	28.9
Outdoor Workers	19.1
Climate Change Adaptive Capacity	—
Impervious Surface Cover	94.1
Traffic Density	36.2
Traffic Access	23.0
Other Indices	—
Hardship	56.0
Other Decision Support	—
2016 Voting	77.9

### 7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	29.0
Healthy Places Index Score for Project Location (b)	38.0
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
Land Use	Total Project area is 83.89 acres
Construction: Construction Phases	Construction dates provided by Applicant
Construction: Off-Road Equipment	Construction equipment provided by the Applicant
Construction: Architectural Coatings	Rule 1113

# Oak Valley North SP (PA 2 Construction - Housing) Detailed Report

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8. User Changes to Default Data

# 1. Basic Project Information

## 1.1. Basic Project Information

Data Field	Value
Project Name	Oak Valley North SP (PA 2 Construction - Housing)
Construction Start Date	2/3/2027
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.50
Precipitation (days)	25.8
Location	33.97626808653549, -117.04178063161832
County	Riverside-South Coast
City	Calimesa
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5628
EDFZ	11
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.14

## 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
Apartments Low Rise	223	Dwelling Unit	5.43	236,380	0.00	0.00	720	—

Other Asphalt Surfaces	250	1000sqft	5.73	0.00	0.00	0.00	—	—
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### 1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-5	Use Advanced Engine Tiers

## 2. Emissions Summary

### 2.1. Construction Emissions Compared Against Thresholds

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

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	3.56	3.62	22.0	37.5	0.05	1.01	2.50	3.51	0.93	0.59	1.52	—	7,398	7,398	0.22	0.22	9.18	7,479
Mit.	1.96	2.36	18.7	40.1	0.05	0.21	2.50	2.71	0.20	0.59	0.80	—	7,398	7,398	0.22	0.22	9.18	7,479
% Reduced	45%	35%	15%	-7%	—	79%	—	23%	78%	—	48%	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	3.52	37.7	22.2	34.6	0.05	1.01	2.72	3.51	0.93	0.65	1.52	—	7,208	7,208	0.22	0.22	0.26	7,280
Mit.	1.93	36.7	18.8	37.2	0.05	0.21	2.72	2.87	0.20	0.65	0.80	—	7,208	7,208	0.22	0.22	0.26	7,280
% Reduced	45%	3%	15%	-8%	—	79%	—	18%	78%	—	48%	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.78	5.79	10.5	16.9	0.02	0.49	1.53	2.02	0.45	0.36	0.81	—	3,783	3,783	0.11	0.14	2.48	3,828

Mit.	0.97	5.14	8.45	18.2	0.02	0.09	1.53	1.62	0.08	0.36	0.45	—	3,783	3,783	0.11	0.14	2.48	3,828
% Reduced	46%	11%	20%	-8%	—	82%	—	20%	82%	—	45%	—	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.32	1.06	1.92	3.09	< 0.005	0.09	0.28	0.37	0.08	0.07	0.15	—	626	626	0.02	0.02	0.41	634
Mit.	0.18	0.94	1.54	3.33	< 0.005	0.02	0.28	0.30	0.02	0.07	0.08	—	626	626	0.02	0.02	0.41	634
% Reduced	46%	11%	20%	-8%	—	82%	—	20%	82%	—	45%	—	—	—	—	—	—	—

## 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	3.56	3.62	22.0	37.5	0.05	1.01	2.50	3.51	0.93	0.59	1.52	—	7,398	7,398	0.22	0.22	9.18	7,479
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	3.52	37.7	22.2	34.6	0.05	1.01	2.72	3.51	0.93	0.65	1.52	—	7,208	7,208	0.22	0.22	0.26	7,280
2028	2.38	2.06	14.2	23.3	0.03	0.62	2.30	2.93	0.58	0.55	1.12	—	5,456	5,456	0.15	0.20	0.20	5,521
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	1.78	5.79	10.5	16.9	0.02	0.49	1.53	2.02	0.45	0.36	0.81	—	3,783	3,783	0.11	0.14	2.48	3,828
2028	0.16	0.14	0.95	1.58	< 0.005	0.04	0.15	0.19	0.04	0.04	0.07	—	365	365	0.01	0.01	0.22	369
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	0.32	1.06	1.92	3.09	< 0.005	0.09	0.28	0.37	0.08	0.07	0.15	—	626	626	0.02	0.02	0.41	634
2028	0.03	0.02	0.17	0.29	< 0.005	0.01	0.03	0.04	0.01	0.01	0.01	—	60.4	60.4	< 0.005	< 0.005	0.04	61.1

## 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	1.96	2.36	18.7	40.1	0.05	0.21	2.50	2.71	0.20	0.59	0.80	—	7,398	7,398	0.22	0.22	9.18	7,479
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	1.93	36.7	18.8	37.2	0.05	0.21	2.72	2.87	0.20	0.65	0.80	—	7,208	7,208	0.22	0.22	0.26	7,280
2028	1.27	1.19	11.9	25.3	0.03	0.11	2.30	2.41	0.11	0.55	0.66	—	5,456	5,456	0.15	0.20	0.20	5,521
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	0.97	5.14	8.45	18.2	0.02	0.09	1.53	1.62	0.08	0.36	0.45	—	3,783	3,783	0.11	0.14	2.48	3,828
2028	0.08	0.08	0.79	1.71	< 0.005	0.01	0.15	0.16	0.01	0.04	0.04	—	365	365	0.01	0.01	0.22	369
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	0.18	0.94	1.54	3.33	< 0.005	0.02	0.28	0.30	0.02	0.07	0.08	—	626	626	0.02	0.02	0.41	634
2028	0.02	0.01	0.14	0.31	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	60.4	60.4	< 0.005	< 0.005	0.04	61.1

## 3. Construction Emissions Details

### 3.1. Building Construction (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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Oak Valley North SP (PA 2 Construction - Housing) Detailed Report, 7/6/2023

Off-Road Equipment	1.86	1.56	13.8	15.6	0.03	0.70	—	0.70	0.64	—	0.64	—	2,806	2,806	0.11	0.02	—	2,816
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	1.86	1.56	13.8	15.6	0.03	0.70	—	0.70	0.64	—	0.64	—	2,806	2,806	0.11	0.02	—	2,816
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	1.21	1.01	8.93	10.1	0.02	0.46	—	0.46	0.42	—	0.42	—	1,823	1,823	0.07	0.01	—	1,829
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	0.18	1.63	1.85	< 0.005	0.08	—	0.08	0.08	—	0.08	—	302	302	0.01	< 0.005	—	303
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	0.72	0.64	0.56	10.7	0.00	0.00	2.10	2.10	0.00	0.49	0.49	—	2,173	2,173	0.02	0.08	6.75	2,203
Vendor	0.03	0.01	0.74	0.23	0.01	0.01	0.20	0.21	0.01	0.06	0.07	—	704	704	0.02	0.11	1.79	738
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	0.69	0.61	0.63	8.06	0.00	0.00	2.10	2.10	0.00	0.49	0.49	—	1,999	1,999	0.03	0.08	0.18	2,022

Vendor	0.03	0.01	0.77	0.24	0.01	0.01	0.20	0.21	0.01	0.06	0.07	—	705	705	0.02	0.11	0.05	737
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	0.45	0.40	0.45	5.50	0.00	0.00	1.34	1.34	0.00	0.31	0.31	—	1,315	1,315	0.02	0.05	1.89	1,332
Vendor	0.02	0.01	0.50	0.15	< 0.005	0.01	0.13	0.14	0.01	0.04	0.04	—	458	458	0.01	0.07	0.50	479
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	0.08	0.07	0.08	1.00	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	218	218	< 0.005	0.01	0.31	221
Vendor	< 0.005	< 0.005	0.09	0.03	< 0.005	< 0.005	0.02	0.03	< 0.005	0.01	0.01	—	75.8	75.8	< 0.005	0.01	0.08	79.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

### 3.2. Building Construction (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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.65	0.60	10.6	17.6	0.03	0.11	—	0.11	0.10	—	0.10	—	2,806	2,806	0.11	0.02	—	2,816
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	0.65	0.60	10.6	17.6	0.03	0.11	—	0.11	0.10	—	0.10	—	2,806	2,806	0.11	0.02	—	2,816
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



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Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.42	0.39	6.88	11.4	0.02	0.07	—	0.07	0.07	—	0.07	—	1,823	1,823	0.07	0.01	—	1,829
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	0.07	1.26	2.08	< 0.005	0.01	—	0.01	0.01	—	0.01	—	302	302	0.01	< 0.005	—	303
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	0.72	0.64	0.56	10.7	0.00	0.00	2.10	2.10	0.00	0.49	0.49	—	2,173	2,173	0.02	0.08	6.75	2,203
Vendor	0.03	0.01	0.74	0.23	0.01	0.01	0.20	0.21	0.01	0.06	0.07	—	704	704	0.02	0.11	1.79	738
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	0.69	0.61	0.63	8.06	0.00	0.00	2.10	2.10	0.00	0.49	0.49	—	1,999	1,999	0.03	0.08	0.18	2,022
Vendor	0.03	0.01	0.77	0.24	0.01	0.01	0.20	0.21	0.01	0.06	0.07	—	705	705	0.02	0.11	0.05	737
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	0.45	0.40	0.45	5.50	0.00	0.00	1.34	1.34	0.00	0.31	0.31	—	1,315	1,315	0.02	0.05	1.89	1,332
Vendor	0.02	0.01	0.50	0.15	< 0.005	0.01	0.13	0.14	0.01	0.04	0.04	—	458	458	0.01	0.07	0.50	479
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	0.08	0.07	0.08	1.00	0.00	0.00	0.24	0.24	0.00	0.06	0.06	—	218	218	< 0.005	0.01	0.31	221

Vendor	< 0.005	< 0.005	0.09	0.03	< 0.005	< 0.005	0.02	0.03	< 0.005	0.01	0.01	—	75.8	75.8	< 0.005	0.01	0.08	79.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

### 3.3. 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.74	1.46	12.8	15.6	0.03	0.61	—	0.61	0.57	—	0.57	—	2,806	2,806	0.11	0.02	—	2,815
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.10	0.85	1.03	< 0.005	0.04	—	0.04	0.04	—	0.04	—	187	187	0.01	< 0.005	—	187
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.16	0.19	< 0.005	0.01	—	0.01	0.01	—	0.01	—	30.9	30.9	< 0.005	< 0.005	—	31.0
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.60	0.59	0.63	7.52	0.00	0.00	2.10	2.10	0.00	0.49	0.49	—	1,962	1,962	0.03	0.08	0.16	1,985
Vendor	0.03	0.01	0.73	0.23	0.01	0.01	0.20	0.21	0.01	0.06	0.07	—	689	689	0.01	0.11	0.04	721
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.04	0.53	0.00	0.00	0.14	0.14	0.00	0.03	0.03	—	132	132	< 0.005	0.01	0.17	134
Vendor	< 0.005	< 0.005	0.05	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	45.8	45.8	< 0.005	0.01	0.05	48.0
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	0.01	0.01	0.01	0.10	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	21.9	21.9	< 0.005	< 0.005	0.03	22.2
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.59	7.59	< 0.005	< 0.005	0.01	7.94
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. 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.64	0.59	10.6	17.6	0.03	0.10	—	0.10	0.10	—	0.10	—	2,806	2,806	0.11	0.02	—	2,815
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

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Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.04	0.70	1.17	< 0.005	0.01	—	0.01	0.01	—	0.01	—	187	187	0.01	< 0.005	—	187
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.13	0.21	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	30.9	30.9	< 0.005	< 0.005	—	31.0
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.60	0.59	0.63	7.52	0.00	0.00	2.10	2.10	0.00	0.49	0.49	—	1,962	1,962	0.03	0.08	0.16	1,985
Vendor	0.03	0.01	0.73	0.23	0.01	0.01	0.20	0.21	0.01	0.06	0.07	—	689	689	0.01	0.11	0.04	721
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.04	0.53	0.00	0.00	0.14	0.14	0.00	0.03	0.03	—	132	132	< 0.005	0.01	0.17	134
Vendor	< 0.005	< 0.005	0.05	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	45.8	45.8	< 0.005	0.01	0.05	48.0
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	0.01	0.01	0.01	0.10	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	21.9	21.9	< 0.005	< 0.005	0.03	22.2
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.59	7.59	< 0.005	< 0.005	0.01	7.94
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. Paving (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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.88	0.74	6.94	9.95	0.01	0.30	—	0.30	0.27	—	0.27	—	1,511	1,511	0.06	0.01	—	1,516
Paving	—	0.60	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.88	0.74	6.94	9.95	0.01	0.30	—	0.30	0.27	—	0.27	—	1,511	1,511	0.06	0.01	—	1,516
Paving	—	0.60	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.05	0.48	0.68	< 0.005	0.02	—	0.02	0.02	—	0.02	—	104	104	< 0.005	< 0.005	—	104
Paving	—	0.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.09	0.12	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	17.1	17.1	< 0.005	< 0.005	—	17.2
Paving	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.05	1.00	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	203	203	< 0.005	0.01	0.63	206
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	0.06	0.06	0.06	0.75	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	187	187	< 0.005	0.01	0.02	189
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	13.0	13.0	< 0.005	< 0.005	0.02	13.1
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.14	2.14	< 0.005	< 0.005	< 0.005	2.17
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

### 3.6. Paving (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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.49	0.44	6.74	10.6	0.01	0.09	—	0.09	0.09	—	0.09	—	1,511	1,511	0.06	0.01	—	1,516
Paving	—	0.60	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.49	0.44	6.74	10.6	0.01	0.09	—	0.09	0.09	—	0.09	—	1,511	1,511	0.06	0.01	—	1,516
Paving	—	0.60	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.46	0.73	< 0.005	0.01	—	0.01	0.01	—	0.01	—	104	104	< 0.005	< 0.005	—	104
Paving	—	0.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.08	0.13	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	17.1	17.1	< 0.005	< 0.005	—	17.2
Paving	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.07	0.06	0.05	1.00	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	203	203	< 0.005	0.01	0.63	206
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	0.06	0.06	0.06	0.75	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	187	187	< 0.005	0.01	0.02	189
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	13.0	13.0	< 0.005	< 0.005	0.02	13.1
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.14	2.14	< 0.005	< 0.005	< 0.005	2.17
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

### 3.7. Architectural Coating (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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—



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Off-Road Equipment	0.18	0.15	1.11	1.50	< 0.005	0.03	—	0.03	0.02	—	0.02	—	178	178	0.01	< 0.005	—	179
Architectural Coatings	—	35.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.13	0.18	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	21.5	21.5	< 0.005	< 0.005	—	21.5
Architectural Coatings	—	4.24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	3.55	3.55	< 0.005	< 0.005	—	3.57
Architectural Coatings	—	0.77	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.14	0.12	0.13	1.61	0.00	0.00	0.42	0.42	0.00	0.10	0.10	—	400	400	0.01	0.02	0.04	404
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	0.02	0.01	0.02	0.20	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	48.8	48.8	< 0.005	< 0.005	0.07	49.4
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	8.08	8.08	< 0.005	< 0.005	0.01	8.18
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

### 3.8. Architectural Coating (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	0.18	0.15	1.11	1.50	< 0.005	0.03	—	0.03	0.02	—	0.02	—	178	178	0.01	< 0.005	—	179
Architectural Coatings	—	35.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.13	0.18	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	21.5	21.5	< 0.005	< 0.005	—	21.5

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Architect Coatings	—	4.24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	3.55	3.55	< 0.005	< 0.005	—	3.57
Architect ural Coatings	—	0.77	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.14	0.12	0.13	1.61	0.00	0.00	0.42	0.42	0.00	0.10	0.10	—	400	400	0.01	0.02	0.04	404
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	0.02	0.01	0.02	0.20	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	48.8	48.8	< 0.005	< 0.005	0.07	49.4
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	8.08	8.08	< 0.005	< 0.005	0.01	8.18
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

## 4. Operations Emissions Details

### 4.10. Soil Carbon Accumulation By Vegetation Type

#### 4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

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

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

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

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

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

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

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

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
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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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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

## 5. Activity Data

### 5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Building Construction	Building Construction	2/3/2027	2/3/2028	5.00	262	—
Paving	Paving	9/13/2027	10/15/2027	5.00	25.0	—
Architectural Coating	Architectural Coating	10/20/2027	12/20/2027	5.00	44.0	—

### 5.2. Off-Road Equipment

#### 5.2.1. Unmitigated



Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Building Construction	Cranes	Diesel	Average	1.00	8.00	367	0.29
Building Construction	Forklifts	Diesel	Average	3.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction	Welders	Diesel	Average	1.00	8.00	46.0	0.45
Building Construction	Crawler Tractors	Diesel	Average	3.00	8.00	87.0	0.43
Paving	Pavers	Diesel	Average	2.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Average	2.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Average	2.00	8.00	36.0	0.38
Architectural Coating	Air Compressors	Diesel	Average	1.00	8.00	37.0	0.48

### 5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Building Construction	Cranes	Diesel	Tier 4 Interim	1.00	8.00	367	0.29
Building Construction	Forklifts	Diesel	Tier 4 Interim	3.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction	Welders	Diesel	Average	1.00	8.00	46.0	0.45
Building Construction	Crawler Tractors	Diesel	Tier 4 Interim	3.00	8.00	87.0	0.43
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	1.00	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
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Building Construction	—	—	—	—
Building Construction	Worker	161	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	23.8	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	—	10.2	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	32.1	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	10.2	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

### 5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Building Construction	—	—	—	—
Building Construction	Worker	161	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	23.8	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	—	10.2	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT

Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	32.1	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	10.2	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

## 5.4. Vehicles

### 5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

## 5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	478,670	159,557	0.00	0.00	14,985

## 5.6. Dust Mitigation

### 5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (cy)	Material Exported (cy)	Acres Graded (acres)	Material Demolished (sq. ft.)	Acres Paved (acres)
Paving	0.00	0.00	0.00	0.00	5.73

### 5.6.2. Construction Earthmoving Control Strategies

Non-applicable. No control strategies activated by user.

## 5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
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Apartments Low Rise	—	0%
Other Asphalt Surfaces	5.73	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

### 5.18. Vegetation

#### 5.18.1. Land Use Change

##### 5.18.1.1. Unmitigated

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

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

##### 5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres
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##### 5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres
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## 5.18.2. Sequestration

### 5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)
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### 5.18.2.2. Mitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)
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# 6. Climate Risk Detailed Report

## 6.1. Climate Risk Summary

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

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	27.8	annual days of extreme heat
Extreme Precipitation	5.10	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	21.4	annual hectares burned

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

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

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

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

## 6.2. Initial Climate Risk Scores

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

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

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

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

## 6.3. Adjusted Climate Risk Scores

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

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

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

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

## 6.4. Climate Risk Reduction Measures

# 7. Health and Equity Details

## 7.1. CalEnviroScreen 4.0 Scores

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

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	99.1
AQ-PM	44.4
AQ-DPM	19.3
Drinking Water	61.3
Lead Risk Housing	16.1
Pesticides	0.45
Toxic Releases	39.8
Traffic	65.0
Effect Indicators	—
CleanUp Sites	0.00
Groundwater	0.00
Haz Waste Facilities/Generators	0.00
Impaired Water Bodies	0.00
Solid Waste	52.9
Sensitive Population	—
Asthma	45.2
Cardio-vascular	75.9

Low Birth Weights	18.4
Socioeconomic Factor Indicators	—
Education	32.9
Housing	19.8
Linguistic	1.81
Poverty	46.2
Unemployment	69.1

## 7.2. Healthy Places Index Scores

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

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	57.06403182
Employed	10.49659951
Median HI	46.67008854
Education	—
Bachelor's or higher	46.81124086
High school enrollment	100
Preschool enrollment	4.991659181
Transportation	—
Auto Access	29.74464263
Active commuting	37.03323495
Social	—
2-parent households	74.47709483
Voting	70.97395098
Neighborhood	—
Alcohol availability	88.20736558



Park access	5.581932504
Retail density	9.867830104
Supermarket access	2.399589375
Tree canopy	13.89708713
Housing	—
Homeownership	82.25330425
Housing habitability	84.39625305
Low-inc homeowner severe housing cost burden	92.15963044
Low-inc renter severe housing cost burden	74.33594251
Uncrowded housing	63.4800462
Health Outcomes	—
Insured adults	55.78082895
Arthritis	0.0
Asthma ER Admissions	53.3
High Blood Pressure	0.0
Cancer (excluding skin)	0.0
Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	22.7
Cognitively Disabled	17.4
Physically Disabled	21.0
Heart Attack ER Admissions	9.4
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0

Pedestrian Injuries	19.6
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	61.7
SLR Inundation Area	0.0
Children	96.8
Elderly	4.1
English Speaking	82.0
Foreign-born	28.9
Outdoor Workers	19.1
Climate Change Adaptive Capacity	—
Impervious Surface Cover	94.1
Traffic Density	36.2
Traffic Access	23.0
Other Indices	—
Hardship	56.0
Other Decision Support	—
2016 Voting	77.9

### 7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	29.0

Healthy Places Index Score for Project Location (b)	38.0
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
Land Use	Total Project area is 11.16 acres
Construction: Construction Phases	Construction dates provided by Applicant
Construction: Off-Road Equipment	Construction equipment provided by the Applicant
Construction: Architectural Coatings	Rule 1113

# Oak Valley North SP (PA 1 Construction) Detailed Report

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8. User Changes to Default Data

# 1. Basic Project Information

## 1.1. Basic Project Information

Data Field	Value
Project Name	Oak Valley North SP (PA 1 Construction)
Construction Start Date	3/24/2025
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.50
Precipitation (days)	25.8
Location	33.97626808653549, -117.04178063161832
County	Riverside-South Coast
City	Calimesa
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5628
EDFZ	11
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.14

## 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	982	1000sqft	22.5	982,232	0.00	0.00	—	—



Parking Lot	917	Space	4.56	0.00	0.00	0.00	—	—
Other Asphalt Surfaces	1,357	1000sqft	31.2	0.00	0.00	0.00	—	—
Parking Lot	25.6	Acre	25.6	0.00	0.00	0.00	—	—

### 1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-5	Use Advanced Engine Tiers

## 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.	8.63	62.5	49.3	87.8	0.11	2.23	8.14	10.4	2.05	1.97	4.02	—	19,952	19,952	0.72	1.07	40.8	20,329
Mit.	5.47	60.0	39.5	92.3	0.11	0.53	8.14	8.68	0.51	1.97	2.47	—	19,952	19,952	0.72	1.07	40.8	20,329
% Reduced	37%	4%	20%	-5%	—	76%	—	16%	75%	—	39%	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	6.75	58.7	38.5	61.8	0.09	1.70	7.85	9.55	1.57	1.90	3.47	—	16,808	16,808	0.63	1.04	1.03	17,134
Mit.	4.25	56.7	29.7	65.3	0.09	0.38	7.85	8.23	0.36	1.90	2.26	—	16,808	16,808	0.63	1.04	1.03	17,134
% Reduced	37%	3%	23%	-6%	—	78%	—	14%	77%	—	35%	—	—	—	—	—	—	—

Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	3.70	18.1	22.2	35.0	0.05	0.99	3.94	4.93	0.92	0.95	1.87	—	9,196	9,196	0.34	0.55	8.84	9,378
Mit.	2.23	16.9	17.3	37.1	0.05	0.21	3.94	4.15	0.20	0.95	1.16	—	9,196	9,196	0.34	0.55	8.84	9,378
% Reduced	40%	6%	22%	-6%	—	79%	—	16%	78%	—	38%	—	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.68	3.30	4.05	6.39	0.01	0.18	0.72	0.90	0.17	0.17	0.34	—	1,522	1,522	0.06	0.09	1.46	1,553
Mit.	0.41	3.08	3.15	6.77	0.01	0.04	0.72	0.76	0.04	0.17	0.21	—	1,522	1,522	0.06	0.09	1.46	1,553
% Reduced	40%	6%	22%	-6%	—	79%	—	16%	78%	—	38%	—	—	—	—	—	—	—

## 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	8.63	62.5	49.3	87.8	0.11	2.23	8.14	10.4	2.05	1.97	4.02	—	19,952	19,952	0.72	1.07	40.8	20,329
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	6.75	58.7	38.5	61.8	0.09	1.70	7.85	9.55	1.57	1.90	3.47	—	16,808	16,808	0.63	1.04	1.03	17,134
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	3.70	18.1	22.2	35.0	0.05	0.99	3.94	4.93	0.92	0.95	1.87	—	9,196	9,196	0.34	0.55	8.84	9,378
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.68	3.30	4.05	6.39	0.01	0.18	0.72	0.90	0.17	0.17	0.34	—	1,522	1,522	0.06	0.09	1.46	1,553

## 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	5.47	60.0	39.5	92.3	0.11	0.53	8.14	8.68	0.51	1.97	2.47	—	19,952	19,952	0.72	1.07	40.8	20,329
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	4.25	56.7	29.7	65.3	0.09	0.38	7.85	8.23	0.36	1.90	2.26	—	16,808	16,808	0.63	1.04	1.03	17,134
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	2.23	16.9	17.3	37.1	0.05	0.21	3.94	4.15	0.20	0.95	1.16	—	9,196	9,196	0.34	0.55	8.84	9,378
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.41	3.08	3.15	6.77	0.01	0.04	0.72	0.76	0.04	0.17	0.21	—	1,522	1,522	0.06	0.09	1.46	1,553

## 3. Construction Emissions Details

### 3.1. Building Construction (2025) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.78	3.17	28.1	28.2	0.05	1.56	—	1.56	1.43	—	1.43	—	5,109	5,109	0.21	0.04	—	5,127
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.78	3.17	28.1	28.2	0.05	1.56	—	1.56	1.43	—	1.43	—	5,109	5,109	0.21	0.04	—	5,127
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.04	1.71	15.1	15.2	0.03	0.84	—	0.84	0.77	—	0.77	—	2,757	2,757	0.11	0.02	—	2,767
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	0.37	0.31	2.76	2.77	< 0.005	0.15	—	0.15	0.14	—	0.14	—	457	457	0.02	< 0.005	—	458
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	2.22	1.85	1.81	31.9	0.00	0.00	5.39	5.39	0.00	1.26	1.26	—	5,814	5,814	0.24	0.20	21.4	5,903
Vendor	0.22	0.11	5.41	1.68	0.04	0.07	1.38	1.45	0.07	0.38	0.45	—	4,925	4,925	0.11	0.75	14.0	5,165
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.95	1.74	1.99	24.1	0.00	0.00	5.39	5.39	0.00	1.26	1.26	—	5,345	5,345	0.25	0.20	0.55	5,413
Vendor	0.22	0.10	5.66	1.73	0.04	0.07	1.38	1.45	0.07	0.38	0.45	—	4,929	4,929	0.11	0.75	0.36	5,155
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	1.04	0.93	1.17	13.7	0.00	0.00	2.86	2.86	0.00	0.67	0.67	—	2,922	2,922	0.13	0.11	4.97	2,963
Vendor	0.12	0.06	3.05	0.92	0.02	0.04	0.73	0.77	0.04	0.20	0.24	—	2,659	2,659	0.06	0.40	3.27	2,784
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	0.19	0.17	0.21	2.51	0.00	0.00	0.52	0.52	0.00	0.12	0.12	—	484	484	0.02	0.02	0.82	491
Vendor	0.02	0.01	0.56	0.17	< 0.005	0.01	0.13	0.14	0.01	0.04	0.04	—	440	440	0.01	0.07	0.54	461
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. Building Construction (2025) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.28	1.17	19.3	31.7	0.05	0.23	—	0.23	0.22	—	0.22	—	5,109	5,109	0.21	0.04	—	5,127
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.28	1.17	19.3	31.7	0.05	0.23	—	0.23	0.22	—	0.22	—	5,109	5,109	0.21	0.04	—	5,127
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.69	0.63	10.4	17.1	0.03	0.13	—	0.13	0.12	—	0.12	—	2,757	2,757	0.11	0.02	—	2,767

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	0.11	1.90	3.12	< 0.005	0.02	—	0.02	0.02	—	0.02	—	457	457	0.02	< 0.005	—	458	
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	2.22	1.85	1.81	31.9	0.00	0.00	5.39	5.39	0.00	1.26	1.26	—	5,814	5,814	0.24	0.20	21.4	5,903	
Vendor	0.22	0.11	5.41	1.68	0.04	0.07	1.38	1.45	0.07	0.38	0.45	—	4,925	4,925	0.11	0.75	14.0	5,165	
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	1.95	1.74	1.99	24.1	0.00	0.00	5.39	5.39	0.00	1.26	1.26	—	5,345	5,345	0.25	0.20	0.55	5,413	
Vendor	0.22	0.10	5.66	1.73	0.04	0.07	1.38	1.45	0.07	0.38	0.45	—	4,929	4,929	0.11	0.75	0.36	5,155	
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	1.04	0.93	1.17	13.7	0.00	0.00	2.86	2.86	0.00	0.67	0.67	—	2,922	2,922	0.13	0.11	4.97	2,963	
Vendor	0.12	0.06	3.05	0.92	0.02	0.04	0.73	0.77	0.04	0.20	0.24	—	2,659	2,659	0.06	0.40	3.27	2,784	
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	0.19	0.17	0.21	2.51	0.00	0.00	0.52	0.52	0.00	0.12	0.12	—	484	484	0.02	0.02	0.82	491	
Vendor	0.02	0.01	0.56	0.17	< 0.005	0.01	0.13	0.14	0.01	0.04	0.04	—	440	440	0.01	0.07	0.54	461	
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. Paving (2025) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.43	1.20	11.2	15.0	0.02	0.52	—	0.52	0.48	—	0.48	—	2,267	2,267	0.09	0.02	—	2,275
Paving	—	2.43	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.26	0.22	2.02	2.71	< 0.005	0.09	—	0.09	0.09	—	0.09	—	410	410	0.02	< 0.005	—	411
Paving	—	0.44	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.04	0.37	0.49	< 0.005	0.02	—	0.02	0.02	—	0.02	—	67.9	67.9	< 0.005	< 0.005	—	68.1
Paving	—	0.08	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.12	0.10	0.10	1.74	0.00	0.00	0.29	0.29	0.00	0.07	0.07	—	317	317	0.01	0.01	1.17	322
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.25	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	53.4	53.4	< 0.005	< 0.005	0.09	54.1
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	8.84	8.84	< 0.005	< 0.005	0.02	8.96
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

### 3.4. Paving (2025) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.77	0.69	10.2	15.9	0.02	0.16	—	0.16	0.15	—	0.15	—	2,267	2,267	0.09	0.02	—	2,275
Paving	—	2.43	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00



Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14	0.12	1.84	2.88	< 0.005	0.03	—	0.03	0.03	—	0.03	—	410	410	0.02	< 0.005	—	411
Paving	—	0.44	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.02	0.34	0.53	< 0.005	0.01	—	0.01	< 0.005	—	< 0.005	—	67.9	67.9	< 0.005	< 0.005	—	68.1
Paving	—	0.08	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.10	0.10	1.74	0.00	0.00	0.29	0.29	0.00	0.07	0.07	—	317	317	0.01	0.01	1.17	322
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.25	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	53.4	53.4	< 0.005	< 0.005	0.09	54.1
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	8.84	8.84	< 0.005	< 0.005	0.02	8.96
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

### 3.5. Architectural Coating (2025) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.41	0.34	2.35	3.04	< 0.005	0.07	—	0.07	0.07	—	0.07	—	356	356	0.01	< 0.005	—	357
Architect ural Coatings	—	53.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.41	0.34	2.35	3.04	< 0.005	0.07	—	0.07	0.07	—	0.07	—	356	356	0.01	< 0.005	—	357
Architect ural Coatings	—	53.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	0.09	0.64	0.83	< 0.005	0.02	—	0.02	0.02	—	0.02	—	97.6	97.6	< 0.005	< 0.005	—	97.9

Architect Coatings	—	14.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.12	0.15	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	16.2	16.2	< 0.005	< 0.005	—	16.2
Architect ural Coatings	—	2.65	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.44	0.37	0.36	6.37	0.00	0.00	1.08	1.08	0.00	0.25	0.25	—	1,163	1,163	0.05	0.04	4.27	1,181
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	0.39	0.35	0.40	4.81	0.00	0.00	1.08	1.08	0.00	0.25	0.25	—	1,069	1,069	0.05	0.04	0.11	1,083
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	0.12	1.39	0.00	0.00	0.29	0.29	0.00	0.07	0.07	—	297	297	0.01	0.01	0.50	301
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	0.05	0.05	0.00	0.01	0.01	—	49.1	49.1	< 0.005	< 0.005	0.08	49.8

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

### 3.6. Architectural Coating (2025) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e	
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.41	0.34	2.35	3.04	< 0.005	0.07	—	0.07	0.07	—	0.07	—	356	356	0.01	< 0.005	—	357	
Architectural Coatings	—	53.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.41	0.34	2.35	3.04	< 0.005	0.07	—	0.07	0.07	—	0.07	—	356	356	0.01	< 0.005	—	357	
Architectural Coatings	—	53.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	0.09	0.64	0.83	< 0.005	0.02	—	0.02	0.02	—	0.02	—	97.6	97.6	< 0.005	< 0.005	—	97.9	

Architectural Coatings	—	14.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.12	0.15	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	16.2	16.2	< 0.005	< 0.005	—	16.2
Architectural Coatings	—	2.65	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.44	0.37	0.36	6.37	0.00	0.00	1.08	1.08	0.00	0.25	0.25	—	1,163	1,163	0.05	0.04	4.27	1,181
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	0.39	0.35	0.40	4.81	0.00	0.00	1.08	1.08	0.00	0.25	0.25	—	1,069	1,069	0.05	0.04	0.11	1,083
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	0.12	1.39	0.00	0.00	0.29	0.29	0.00	0.07	0.07	—	297	297	0.01	0.01	0.50	301
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	0.05	0.05	0.00	0.01	0.01	—	49.1	49.1	< 0.005	< 0.005	0.08	49.8
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

## 4. Operations Emissions Details

### 4.10. Soil Carbon Accumulation By Vegetation Type

#### 4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

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

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

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

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

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

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

Remove	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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

### 5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Building Construction	Building Construction	3/24/2025	12/23/2025	5.00	197	—
Paving	Paving	6/16/2025	9/15/2025	5.00	66.0	—

Architectural Coating	Architectural Coating	8/6/2025	12/23/2025	5.00	100	—
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## 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
Building Construction	Cranes	Diesel	Average	2.00	8.00	367	0.29
Building Construction	Forklifts	Diesel	Average	5.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	2.00	8.00	14.0	0.74
Building Construction	Welders	Diesel	Average	2.00	8.00	46.0	0.45
Building Construction	Crawler Tractors	Diesel	Average	5.00	8.00	87.0	0.43
Paving	Pavers	Diesel	Average	3.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Average	3.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Average	3.00	8.00	36.0	0.38
Architectural Coating	Air Compressors	Diesel	Average	2.00	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
Building Construction	Cranes	Diesel	Tier 4 Interim	2.00	8.00	367	0.29
Building Construction	Forklifts	Diesel	Tier 4 Interim	5.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	2.00	8.00	14.0	0.74
Building Construction	Welders	Diesel	Average	2.00	8.00	46.0	0.45
Building Construction	Crawler Tractors	Diesel	Tier 4 Interim	5.00	8.00	87.0	0.43
Paving	Pavers	Diesel	Tier 4 Interim	3.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Tier 4 Interim	3.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Average	3.00	8.00	36.0	0.38
Architectural Coating	Air Compressors	Diesel	Average	2.00	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
Building Construction	—	—	—	—
Building Construction	Worker	413	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	161	10.2	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	22.5	18.5	LDA,LDT1,LDT2
Paving	Vendor	—	10.2	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	82.5	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	10.2	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

### 5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Building Construction	—	—	—	—
Building Construction	Worker	413	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	161	10.2	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT

Paving	—	—	—	—
Paving	Worker	22.5	18.5	LDA,LDT1,LDT2
Paving	Vendor	—	10.2	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	82.5	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	10.2	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

## 5.4. Vehicles

### 5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

## 5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	0.00	0.00	1,473,348	491,116	160,313

## 5.6. Dust Mitigation

### 5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (cy)	Material Exported (cy)	Acres Graded (acres)	Material Demolished (sq. ft.)	Acres Paved (acres)
Paving	0.00	0.00	0.00	0.00	61.3

### 5.6.2. Construction Earthmoving Control Strategies

Non-applicable. No control strategies activated by user.

## 5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Unrefrigerated Warehouse-No Rail	0.00	0%
Parking Lot	4.56	100%
Other Asphalt Surfaces	31.2	100%
Parking Lot	25.6	100%

## 5.8. Construction Electricity Consumption and Emissions Factors

### kWh per Year and Emission Factor (lb/MWh)

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

## 5.18. Vegetation

### 5.18.1. Land Use Change

#### 5.18.1.1. Unmitigated

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

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

#### 5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres
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## 5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres
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## 5.18.2. Sequestration

## 5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)
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## 5.18.2.2. Mitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)
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## 6. Climate Risk Detailed Report

### 6.1. Climate Risk Summary

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

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	27.8	annual days of extreme heat
Extreme Precipitation	5.10	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	21.4	annual hectares burned

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

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

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

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

## 6.2. Initial Climate Risk Scores

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

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

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

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

## 6.3. Adjusted Climate Risk Scores

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



Air Quality Degradation	N/A	N/A	N/A	N/A
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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	44.4
AQ-DPM	19.3
Drinking Water	61.3
Lead Risk Housing	16.1
Pesticides	0.45
Toxic Releases	39.8
Traffic	65.0
Effect Indicators	—
CleanUp Sites	0.00
Groundwater	0.00
Haz Waste Facilities/Generators	0.00
Impaired Water Bodies	0.00
Solid Waste	52.9

Sensitive Population	—
Asthma	45.2
Cardio-vascular	75.9
Low Birth Weights	18.4
Socioeconomic Factor Indicators	—
Education	32.9
Housing	19.8
Linguistic	1.81
Poverty	46.2
Unemployment	69.1

## 7.2. Healthy Places Index Scores

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

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	57.06403182
Employed	10.49659951
Median HI	46.67008854
Education	—
Bachelor's or higher	46.81124086
High school enrollment	100
Preschool enrollment	4.991659181
Transportation	—
Auto Access	29.74464263
Active commuting	37.03323495
Social	—
2-parent households	74.47709483

Voting	70.97395098
Neighborhood	—
Alcohol availability	88.20736558
Park access	5.581932504
Retail density	9.867830104
Supermarket access	2.399589375
Tree canopy	13.89708713
Housing	—
Homeownership	82.25330425
Housing habitability	84.39625305
Low-inc homeowner severe housing cost burden	92.15963044
Low-inc renter severe housing cost burden	74.33594251
Uncrowded housing	63.4800462
Health Outcomes	—
Insured adults	55.78082895
Arthritis	0.0
Asthma ER Admissions	53.3
High Blood Pressure	0.0
Cancer (excluding skin)	0.0
Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	22.7
Cognitively Disabled	17.4
Physically Disabled	21.0
Heart Attack ER Admissions	9.4

Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	19.6
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	61.7
SLR Inundation Area	0.0
Children	96.8
Elderly	4.1
English Speaking	82.0
Foreign-born	28.9
Outdoor Workers	19.1
Climate Change Adaptive Capacity	—
Impervious Surface Cover	94.1
Traffic Density	36.2
Traffic Access	23.0
Other Indices	—
Hardship	56.0
Other Decision Support	—
2016 Voting	77.9

### 7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	29.0
Healthy Places Index Score for Project Location (b)	38.0
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
Land Use	Total Project area is 83.89 acres
Construction: Construction Phases	Construction dates provided by Applicant
Construction: Off-Road Equipment	Construction equipment provided by the Applicant
Construction: Architectural Coatings	Rule 1113

# Oak Valley North SP (PA 2 Construction - Church) Detailed Report

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8. User Changes to Default Data

# 1. Basic Project Information

## 1.1. Basic Project Information

Data Field	Value
Project Name	Oak Valley North SP (PA 2 Construction - Church)
Construction Start Date	2/3/2027
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.50
Precipitation (days)	25.8
Location	33.97626808653549, -117.04178063161832
County	Riverside-South Coast
City	Calimesa
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5628
EDFZ	11
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.14

## 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
Place of Worship	1,200	Seat	1.39	60,606	0.00	0.00	—	—

Other Asphalt Surfaces	426	1000sqft	9.77	0.00	0.00	0.00	—	—
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### 1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-5	Use Advanced Engine Tiers

## 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.	2.93	3.49	21.1	28.3	0.04	1.00	0.61	1.62	0.92	0.15	1.07	—	5,158	5,158	0.19	0.10	2.45	5,195
Mit.	1.34	2.23	17.8	31.0	0.04	0.21	0.61	0.82	0.20	0.15	0.34	—	5,158	5,158	0.19	0.10	2.45	5,195
% Reduced	54%	36%	16%	-9%	—	80%	—	49%	79%	—	68%	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.92	10.9	21.2	27.7	0.04	1.00	0.61	1.62	0.92	0.15	1.07	—	5,114	5,114	0.19	0.10	0.06	5,148
Mit.	1.33	9.95	17.8	30.3	0.04	0.21	0.61	0.82	0.20	0.15	0.34	—	5,114	5,114	0.19	0.10	0.06	5,148
% Reduced	55%	9%	16%	-9%	—	80%	—	49%	79%	—	68%	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.38	2.32	9.83	12.0	0.02	0.48	0.29	0.77	0.44	0.07	0.51	—	2,368	2,368	0.09	0.05	0.54	2,386

Mit.	0.57	1.67	7.77	13.3	0.02	0.08	0.29	0.37	0.08	0.07	0.15	—	2,368	2,368	0.09	0.05	0.54	2,386
% Reduced	59%	28%	21%	-11%	—	83%	—	52%	82%	—	71%	—	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.25	0.42	1.79	2.19	< 0.005	0.09	0.05	0.14	0.08	0.01	0.09	—	392	392	0.01	0.01	0.09	395
Mit.	0.10	0.31	1.42	2.43	< 0.005	0.01	0.05	0.07	0.01	0.01	0.03	—	392	392	0.01	0.01	0.09	395
% Reduced	59%	28%	21%	-11%	—	83%	—	52%	82%	—	71%	—	—	—	—	—	—	—

## 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	2.93	3.49	21.1	28.3	0.04	1.00	0.61	1.62	0.92	0.15	1.07	—	5,158	5,158	0.19	0.10	2.45	5,195
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	2.92	10.9	21.2	27.7	0.04	1.00	0.61	1.62	0.92	0.15	1.07	—	5,114	5,114	0.19	0.10	0.06	5,148
2028	1.85	1.56	13.2	16.8	0.03	0.62	0.42	1.04	0.57	0.10	0.67	—	3,404	3,404	0.12	0.08	0.04	3,430
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	1.38	2.32	9.83	12.0	0.02	0.48	0.29	0.77	0.44	0.07	0.51	—	2,368	2,368	0.09	0.05	0.54	2,386
2028	0.12	0.10	0.88	1.12	< 0.005	0.04	0.03	0.07	0.04	0.01	0.04	—	227	227	0.01	0.01	0.05	229
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	0.25	0.42	1.79	2.19	< 0.005	0.09	0.05	0.14	0.08	0.01	0.09	—	392	392	0.01	0.01	0.09	395
2028	0.02	0.02	0.16	0.21	< 0.005	0.01	< 0.005	0.01	0.01	< 0.005	0.01	—	37.5	37.5	< 0.005	< 0.005	0.01	37.8

### 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	1.34	2.23	17.8	31.0	0.04	0.21	0.61	0.82	0.20	0.15	0.34	—	5,158	5,158	0.19	0.10	2.45	5,195
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	1.33	9.95	17.8	30.3	0.04	0.21	0.61	0.82	0.20	0.15	0.34	—	5,114	5,114	0.19	0.10	0.06	5,148
2028	0.75	0.69	11.0	18.8	0.03	0.11	0.42	0.52	0.10	0.10	0.20	—	3,404	3,404	0.12	0.08	0.04	3,430
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	0.57	1.67	7.77	13.3	0.02	0.08	0.29	0.37	0.08	0.07	0.15	—	2,368	2,368	0.09	0.05	0.54	2,386
2028	0.05	0.05	0.73	1.26	< 0.005	0.01	0.03	0.03	0.01	0.01	0.01	—	227	227	0.01	0.01	0.05	229
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2027	0.10	0.31	1.42	2.43	< 0.005	0.01	0.05	0.07	0.01	0.01	0.03	—	392	392	0.01	0.01	0.09	395
2028	0.01	0.01	0.13	0.23	< 0.005	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	—	37.5	37.5	< 0.005	< 0.005	0.01	37.8

### 3. Construction Emissions Details

#### 3.1. Building Construction (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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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Off-Road Equipment	1.86	1.56	13.8	15.6	0.03	0.70	—	0.70	0.64	—	0.64	—	2,806	2,806	0.11	0.02	—	2,816
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	1.86	1.56	13.8	15.6	0.03	0.70	—	0.70	0.64	—	0.64	—	2,806	2,806	0.11	0.02	—	2,816
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	1.21	1.01	8.93	10.1	0.02	0.46	—	0.46	0.42	—	0.42	—	1,823	1,823	0.07	0.01	—	1,829
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	0.18	1.63	1.85	< 0.005	0.08	—	0.08	0.08	—	0.08	—	302	302	0.01	< 0.005	—	303
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.10	0.09	1.69	0.00	0.00	0.33	0.33	0.00	0.08	0.08	—	345	345	< 0.005	0.01	1.07	349
Vendor	0.01	0.01	0.31	0.10	< 0.005	< 0.005	0.08	0.09	< 0.005	0.02	0.03	—	294	294	0.01	0.04	0.75	308
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.10	0.10	1.28	0.00	0.00	0.33	0.33	0.00	0.08	0.08	—	317	317	< 0.005	0.01	0.03	321

Vendor	0.01	0.01	0.32	0.10	< 0.005	< 0.005	0.08	0.09	< 0.005	0.02	0.03	—	294	294	0.01	0.04	0.02	307
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.07	0.87	0.00	0.00	0.21	0.21	0.00	0.05	0.05	—	208	208	< 0.005	0.01	0.30	211
Vendor	0.01	< 0.005	0.21	0.06	< 0.005	< 0.005	0.05	0.06	< 0.005	0.02	0.02	—	191	191	< 0.005	0.03	0.21	200
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.16	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	34.5	34.5	< 0.005	< 0.005	0.05	35.0
Vendor	< 0.005	< 0.005	0.04	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	31.6	31.6	< 0.005	< 0.005	0.03	33.0
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

### 3.2. Building Construction (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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.65	0.60	10.6	17.6	0.03	0.11	—	0.11	0.10	—	0.10	—	2,806	2,806	0.11	0.02	—	2,816
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	0.65	0.60	10.6	17.6	0.03	0.11	—	0.11	0.10	—	0.10	—	2,806	2,806	0.11	0.02	—	2,816
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

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Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.42	0.39	6.88	11.4	0.02	0.07	—	0.07	0.07	—	0.07	—	1,823	1,823	0.07	0.01	—	1,829
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	0.07	1.26	2.08	< 0.005	0.01	—	0.01	0.01	—	0.01	—	302	302	0.01	< 0.005	—	303
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.10	0.09	1.69	0.00	0.00	0.33	0.33	0.00	0.08	0.08	—	345	345	< 0.005	0.01	1.07	349
Vendor	0.01	0.01	0.31	0.10	< 0.005	< 0.005	0.08	0.09	< 0.005	0.02	0.03	—	294	294	0.01	0.04	0.75	308
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.10	0.10	1.28	0.00	0.00	0.33	0.33	0.00	0.08	0.08	—	317	317	< 0.005	0.01	0.03	321
Vendor	0.01	0.01	0.32	0.10	< 0.005	< 0.005	0.08	0.09	< 0.005	0.02	0.03	—	294	294	0.01	0.04	0.02	307
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.07	0.87	0.00	0.00	0.21	0.21	0.00	0.05	0.05	—	208	208	< 0.005	0.01	0.30	211
Vendor	0.01	< 0.005	0.21	0.06	< 0.005	< 0.005	0.05	0.06	< 0.005	0.02	0.02	—	191	191	< 0.005	0.03	0.21	200
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.16	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	34.5	34.5	< 0.005	< 0.005	0.05	35.0



Vendor	< 0.005	< 0.005	0.04	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	31.6	31.6	< 0.005	< 0.005	0.03	33.0
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

### 3.3. 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.74	1.46	12.8	15.6	0.03	0.61	—	0.61	0.57	—	0.57	—	2,806	2,806	0.11	0.02	—	2,815
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.10	0.85	1.03	< 0.005	0.04	—	0.04	0.04	—	0.04	—	187	187	0.01	< 0.005	—	187
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.16	0.19	< 0.005	0.01	—	0.01	0.01	—	0.01	—	30.9	30.9	< 0.005	< 0.005	—	31.0
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.09	0.10	1.19	0.00	0.00	0.33	0.33	0.00	0.08	0.08	—	311	311	< 0.005	0.01	0.02	315
Vendor	0.01	0.01	0.31	0.10	< 0.005	< 0.005	0.08	0.09	< 0.005	0.02	0.03	—	287	287	< 0.005	0.04	0.02	300
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	0.01	0.01	—	21.0	21.0	< 0.005	< 0.005	0.03	21.2
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	19.1	19.1	< 0.005	< 0.005	0.02	20.0
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	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.47	3.47	< 0.005	< 0.005	< 0.005	3.51
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.16	3.16	< 0.005	< 0.005	< 0.005	3.31
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

### 3.4. 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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.64	0.59	10.6	17.6	0.03	0.10	—	0.10	0.10	—	0.10	—	2,806	2,806	0.11	0.02	—	2,815
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

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Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.04	0.70	1.17	< 0.005	0.01	—	0.01	0.01	—	0.01	—	187	187	0.01	< 0.005	—	187
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.13	0.21	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	30.9	30.9	< 0.005	< 0.005	—	31.0
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.09	0.10	1.19	0.00	0.00	0.33	0.33	0.00	0.08	0.08	—	311	311	< 0.005	0.01	0.02	315
Vendor	0.01	0.01	0.31	0.10	< 0.005	< 0.005	0.08	0.09	< 0.005	0.02	0.03	—	287	287	< 0.005	0.04	0.02	300
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	0.01	0.01	—	21.0	21.0	< 0.005	< 0.005	0.03	21.2
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	19.1	19.1	< 0.005	< 0.005	0.02	20.0
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	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.47	3.47	< 0.005	< 0.005	< 0.005	3.51
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.16	3.16	< 0.005	< 0.005	< 0.005	3.31
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

## 3.5. Paving (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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.88	0.74	6.94	9.95	0.01	0.30	—	0.30	0.27	—	0.27	—	1,511	1,511	0.06	0.01	—	1,516
Paving	—	1.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.88	0.74	6.94	9.95	0.01	0.30	—	0.30	0.27	—	0.27	—	1,511	1,511	0.06	0.01	—	1,516
Paving	—	1.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.05	0.48	0.68	< 0.005	0.02	—	0.02	0.02	—	0.02	—	104	104	< 0.005	< 0.005	—	104
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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.09	0.12	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	17.1	17.1	< 0.005	< 0.005	—	17.2
Paving	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.05	1.00	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	203	203	< 0.005	0.01	0.63	206	
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	0.06	0.06	0.06	0.75	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	187	187	< 0.005	0.01	0.02	189	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	13.0	13.0	< 0.005	< 0.005	0.02	13.1	
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.14	2.14	< 0.005	< 0.005	< 0.005	2.17	
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	

### 3.6. Paving (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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.49	0.44	6.74	10.6	0.01	0.09	—	0.09	0.09	—	0.09	—	1,511	1,511	0.06	0.01	—	1,516
Paving	—	1.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.49	0.44	6.74	10.6	0.01	0.09	—	0.09	0.09	—	0.09	—	1,511	1,511	0.06	0.01	—	1,516
Paving	—	1.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.46	0.73	< 0.005	0.01	—	0.01	0.01	—	0.01	—	104	104	< 0.005	< 0.005	—	104
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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.08	0.13	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	17.1	17.1	< 0.005	< 0.005	—	17.2
Paving	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.07	0.06	0.05	1.00	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	203	203	< 0.005	0.01	0.63	206
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	0.06	0.06	0.06	0.75	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	187	187	< 0.005	0.01	0.02	189
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	13.0	13.0	< 0.005	< 0.005	0.02	13.1
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.14	2.14	< 0.005	< 0.005	< 0.005	2.17
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

### 3.7. Architectural Coating (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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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Off-Road Equipment	0.18	0.15	1.11	1.50	< 0.005	0.03	—	0.03	0.02	—	0.02	—	178	178	0.01	< 0.005	—	179
Architectural Coatings	—	9.08	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.13	0.18	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	21.5	21.5	< 0.005	< 0.005	—	21.5
Architectural Coatings	—	1.09	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	3.55	3.55	< 0.005	< 0.005	—	3.57
Architectural Coatings	—	0.20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.26	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	63.4	63.4	< 0.005	< 0.005	0.01	64.1
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00



Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.74	7.74	< 0.005	< 0.005	0.01	7.84
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.28	1.28	< 0.005	< 0.005	< 0.005	1.30
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

### 3.8. Architectural Coating (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	0.18	0.15	1.11	1.50	< 0.005	0.03	—	0.03	0.02	—	0.02	—	178	178	0.01	< 0.005	—	179
Architectural Coatings	—	9.08	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.13	0.18	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	21.5	21.5	< 0.005	< 0.005	—	21.5

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Architect Coatings	—	1.09	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	3.55	3.55	< 0.005	< 0.005	—	3.57
Architect ural Coatings	—	0.20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.26	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	63.4	63.4	< 0.005	< 0.005	0.01	64.1
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.74	7.74	< 0.005	< 0.005	0.01	7.84
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.28	1.28	< 0.005	< 0.005	< 0.005	1.30
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

## 4. Operations Emissions Details

### 4.10. Soil Carbon Accumulation By Vegetation Type

#### 4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

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

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

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

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

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

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

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

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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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

## 5. Activity Data

### 5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Building Construction	Building Construction	2/3/2027	2/3/2028	5.00	262	—
Paving	Paving	9/13/2027	10/15/2027	5.00	25.0	—
Architectural Coating	Architectural Coating	10/20/2027	12/20/2027	5.00	44.0	—

### 5.2. Off-Road Equipment

#### 5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Building Construction	Cranes	Diesel	Average	1.00	8.00	367	0.29
Building Construction	Forklifts	Diesel	Average	3.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction	Welders	Diesel	Average	1.00	8.00	46.0	0.45
Building Construction	Crawler Tractors	Diesel	Average	3.00	8.00	87.0	0.43
Paving	Pavers	Diesel	Average	2.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Average	2.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Average	2.00	8.00	36.0	0.38
Architectural Coating	Air Compressors	Diesel	Average	1.00	8.00	37.0	0.48

### 5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Building Construction	Cranes	Diesel	Tier 4 Interim	1.00	8.00	367	0.29
Building Construction	Forklifts	Diesel	Tier 4 Interim	3.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction	Welders	Diesel	Average	1.00	8.00	46.0	0.45
Building Construction	Crawler Tractors	Diesel	Tier 4 Interim	3.00	8.00	87.0	0.43
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	1.00	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
------------	-----------	-----------------------	----------------	-------------



Building Construction	—	—	—	—
Building Construction	Worker	25.5	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	9.93	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	—	10.2	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	5.09	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	10.2	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

### 5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Building Construction	—	—	—	—
Building Construction	Worker	25.5	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	9.93	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	—	10.2	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT

Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	5.09	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	10.2	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

## 5.4. Vehicles

### 5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

## 5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	0.00	0.00	90,909	30,303	25,531

## 5.6. Dust Mitigation

### 5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (cy)	Material Exported (cy)	Acres Graded (acres)	Material Demolished (sq. ft.)	Acres Paved (acres)
Paving	0.00	0.00	0.00	0.00	9.77

### 5.6.2. Construction Earthmoving Control Strategies

Non-applicable. No control strategies activated by user.

## 5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
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Place of Worship	0.00	0%
Other Asphalt Surfaces	9.77	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

### 5.18. Vegetation

#### 5.18.1. Land Use Change

##### 5.18.1.1. Unmitigated

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

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

##### 5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres
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##### 5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres
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## 5.18.2. Sequestration

### 5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)
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### 5.18.2.2. Mitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)
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# 6. Climate Risk Detailed Report

## 6.1. Climate Risk Summary

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

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	27.8	annual days of extreme heat
Extreme Precipitation	5.10	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	21.4	annual hectares burned

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

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

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

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

## 6.2. Initial Climate Risk Scores

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

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

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

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

## 6.3. Adjusted Climate Risk Scores

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

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

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

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

## 6.4. Climate Risk Reduction Measures

# 7. Health and Equity Details

## 7.1. CalEnviroScreen 4.0 Scores

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

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	99.1
AQ-PM	44.4
AQ-DPM	19.3
Drinking Water	61.3
Lead Risk Housing	16.1
Pesticides	0.45
Toxic Releases	39.8
Traffic	65.0
Effect Indicators	—
CleanUp Sites	0.00
Groundwater	0.00
Haz Waste Facilities/Generators	0.00
Impaired Water Bodies	0.00
Solid Waste	52.9
Sensitive Population	—
Asthma	45.2
Cardio-vascular	75.9

Low Birth Weights	18.4
Socioeconomic Factor Indicators	—
Education	32.9
Housing	19.8
Linguistic	1.81
Poverty	46.2
Unemployment	69.1

## 7.2. Healthy Places Index Scores

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

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	57.06403182
Employed	10.49659951
Median HI	46.67008854
Education	—
Bachelor's or higher	46.81124086
High school enrollment	100
Preschool enrollment	4.991659181
Transportation	—
Auto Access	29.74464263
Active commuting	37.03323495
Social	—
2-parent households	74.47709483
Voting	70.97395098
Neighborhood	—
Alcohol availability	88.20736558

Park access	5.581932504
Retail density	9.867830104
Supermarket access	2.399589375
Tree canopy	13.89708713
Housing	—
Homeownership	82.25330425
Housing habitability	84.39625305
Low-inc homeowner severe housing cost burden	92.15963044
Low-inc renter severe housing cost burden	74.33594251
Uncrowded housing	63.4800462
Health Outcomes	—
Insured adults	55.78082895
Arthritis	0.0
Asthma ER Admissions	53.3
High Blood Pressure	0.0
Cancer (excluding skin)	0.0
Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	22.7
Cognitively Disabled	17.4
Physically Disabled	21.0
Heart Attack ER Admissions	9.4
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0



Pedestrian Injuries	19.6
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	61.7
SLR Inundation Area	0.0
Children	96.8
Elderly	4.1
English Speaking	82.0
Foreign-born	28.9
Outdoor Workers	19.1
Climate Change Adaptive Capacity	—
Impervious Surface Cover	94.1
Traffic Density	36.2
Traffic Access	23.0
Other Indices	—
Hardship	56.0
Other Decision Support	—
2016 Voting	77.9

### 7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	29.0

Healthy Places Index Score for Project Location (b)	38.0
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 dates provided by Applicant
Construction: Off-Road Equipment	Construction equipment provided by the Applicant
Construction: Architectural Coatings	Rule 1113

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**APPENDIX 2.2:**  
**EMFAC EMISSIONS SUMMARY**

Emissions	Phase	Lb/Day	# Days	Emissions	Avg/Lb Day	Avg/Hourly
On-Site	Demolition	0.62	4	2.48	0.62	0.0775
Exhaust PM-10	Site Preparation	0.40	10	4	0.4	0.05
	Grading	2.81	130	364.65	2.805	0.350625
	PA 1 Building Construction	0.89	197	175.33	0.89	0.11125
	PA 1 Paving	0.35	66	23.1	0.35	0.04375
	PA 1 Architectural Coating	0.04	100	4	0.04	0.005
	PA 2 Building Construction	0.66	478	313.09	0.655	0.081875
	PA 2 Paving	0.30	25	7.5	0.3	0.0375
	PA 2 Architectural Coating	0.03	44	1.32	0.03	0.00375
		6.09	819	895.47	1.093369963	0.136671245
Off-Site	Demolition	5.00E-03	4	0.02	0.005	0.000625
Exhaust PM-10	Site Preparation	0.00E+00	10	0	0	0
	Grading	2.50E-01	130	32.5	0.25	0.03125
	PA 1 Building Construction	7.00E-02	197	13.79	0.07	0.00875
	PA 1 Paving	0.00E+00	66	0	0	0
	PA 1 Architectural Coating	0.00E+00	100	0	0	0
	PA 2 Building Construction	1.00E-02	478	4.78	0.01	0.00125
	PA 2 Paving	0.00E+00	25	0	0	0
	PA 2 Architectural Coating	0.00E+00	44	0	0	0
		3.35E-01	819	51.09	0.062380952	0.007797619

Phase	Start Date	End Date	No. Days
Demolition	9/3/2024	9/6/2024	4
Site Preparation	9/9/2024	9/20/2024	10
Grading	9/23/2024	3/21/2025	130
PA 1 Building Construction	3/24/2025	12/23/2025	197
PA 1 Paving	6/16/2025	9/15/2025	66
PA 1 Architectural Coating	8/6/2025	12/23/2025	100
PA 2 Building Construction	2/3/2027	12/3/2028	478
PA 2 Paving	9/13/2027	10/15/2027	25
PA 2 Architectural Coating	10/20/2027	12/20/2027	44
<b>Total Days of Construction</b>			<b>819</b>

Scenarios 1 and 3

**AVERAGE EMISSION FACTOR  
RIVERSIDE COUNTY 2025**

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

	LHD1	LHD2	MHD	HHD
Fleet Mix	10.74%	3.05%	35.78%	50.42%

Speed	Weighted Average Emissions
0	0.08146
5	0.02401
25	0.00920

Scenarios 1 and 3

Truck Emission Rates						
Source	Trucks Per Day	VMT <sup>a</sup> (miles/day)	Truck Emission Rate <sup>b</sup> (grams/mile)	Truck Emission Rate <sup>b</sup> (grams/Idle-hour)	Daily Truck Emissions <sup>c</sup> (grams/day)	Modeled Emission Rates (g/second)
On-Site Idling - Bldg. 1	76			0.0815	1.54	1.788E-05
On-Site Idling - Bldg. 2 East	40			0.0815	0.81	9.428E-06
On-Site Idling - Bldg. 2 West	40			0.0815	0.81	9.428E-06
On-Site Idling - Bldg. 3 North	40			0.0815	0.81	9.396E-06
On-Site Idling - Bldg. 3 South	40			0.0815	0.81	9.396E-06
On-Site Idling - Bldg. 4	79			0.0815	1.61	1.860E-05
On-Site Idling - TTP Lot 1 127 Spaces	52			0.0815	0.35	4.072E-06
On-Site Idling - TTP Lot 1 86 Spaces	35			0.0815	0.24	2.757E-06
On-Site Idling - TTP Lot 1 41 Spaces	17			0.0815	0.11	1.314E-06
On-Site Idling - TTP Lot 2 258 Spaces	105			0.0815	0.71	8.271E-06
On-Site Idling - TTP Lot 2 129 Spaces	53			0.0815	0.36	4.136E-06
On-Site Idling - TTP Lot 2 16 Spaces	7			0.0815	0.04	5.130E-07
On-Site Idling - TTP Lot 2 83 Spaces	34			0.0815	0.23	2.661E-06
On-Site Idling - TTP Lot 2 62 Spaces	25			0.0815	0.17	1.988E-06
On-Site Idling - TTP Lot 2 26 Spaces	11			0.0815	0.07	8.336E-07
On-Site Idling - TTP Lot 2 32 Spaces	13			0.0815	0.09	1.026E-06
On-Site Idling - TTP Lot 2 64 Spaces	26			0.0815	0.18	2.052E-06
On-Site Idling - TTP Lot 2 38 Spaces	16			0.0815	0.11	1.218E-06
On-Site Travel - TTP 100%	785	211.86	0.0240		5.09	5.887E-05
On-Site Travel - TTP Lot 1 East	104	33.08	0.0240		0.79	9.193E-06
On-Site Travel - TTP Lot 1 West	104	8.85	0.0240		0.21	2.459E-06
On-Site Travel - TTP Lot 2 North	289	179.85	0.0240		4.32	4.997E-05
On-Site Travel - TTP Lot 2 South	289	57.48	0.0240		1.38	1.597E-05
On-Site Travel - Bldg. 1	152	31.86	0.0240		0.76	8.853E-06
On-Site Travel - Bldg. 2	160	80.73	0.0240		1.94	2.243E-05
On-Site Travel - Bldg. 3 North	80	31.45	0.0240		0.75	8.738E-06
On-Site Travel - Bldg. 3 South	80	35.85	0.0240		0.86	9.962E-06
On-Site Travel - Bldg. 4	158	63.33	0.0240		1.52	1.760E-05
Off-Site Travel - TTP Calimesa 30% Inbound/Outbound	236	179.83	0.0092		1.65	1.914E-05
Off-Site Travel - TTP Cherry Valley 2% East Inbound/Outbound	16	3.13	0.0092		0.03	3.337E-07
Off-Site Travel - TTP Cherry Valley 2% West Inbound/Outbound	16	3.99	0.0092		0.04	4.249E-07
Off-Site Travel - TTP Cherry Valley 28% Inbound/Outbound	220	36.18	0.0092		0.33	3.851E-06
Off-Site Travel - TTP Calimesa 70% Inbound/Outbound	550	225.44	0.0092		2.07	2.400E-05
Off-Site Travel - TTP Singleton 2% Inbound/Outbound	16	15.94	0.0092		0.15	1.697E-06
Off-Site Travel - TTP Singleton 66% Inbound/Outbound	518	113.62	0.0092		1.04	1.209E-05
Off-Site Travel - TTP Calimesa 2% Inbound/Outbound	16	21.51	0.0092		0.20	2.289E-06
Off-Site Travel - WH Singleton 4% Inbound/Outbound	25	25.54	0.0092		0.23	2.719E-06
Off-Site Travel - WH Singleton 62% Inbound/Outbound	390	85.52	0.0092		0.79	9.102E-06
Off-Site Travel - WH Calimesa 4% Inbound/Outbound	25	34.46	0.0092		0.32	3.668E-06
Off-Site Travel - WH Calimesa 30% Inbound/Outbound	189	101.12	0.0092		0.93	1.076E-05
Off-Site Travel - WH Cherry Valley 4% East Inbound/Outbound	25	4.96	0.0092		0.05	5.281E-07
Off-Site Travel - WH Cherry Valley 4% West Inbound/Outbound	25	6.33	0.0092		0.06	6.736E-07
Off-Site Travel - WH Cherry Valley 26% Inbound/Outbound	164	26.88	0.0092		0.25	2.861E-06
Off-Site Travel - WH Calimesa 15% Inbound/Outbound	94	21.60	0.0092		0.20	2.299E-06
Off-Site Travel - WH Calimesa 35% Inbound/Outbound	220	20.48	0.0092		0.19	2.180E-06
Off-Site Travel - WH Calimesa 70% Inbound/Outbound	440	137.01	0.0092		1.26	1.458E-05
Off-Site Travel - WH Singleton 4% Inbound/Outbound	25	5.59	0.0092		0.05	5.952E-07

<sup>a</sup> Vehicle miles traveled are for modeled truck route only.

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

<sup>c</sup> 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 parking spaces.

Scenarios 1 and 3

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



Scenarios 1 and 3

Source: EMFAC2021 (v1.0.2) Emissions Inventory

Region Type: Sub-Area

Region: Riverside (SC)

Calendar Year: 2025

Season: Annual

Vehicle Classification: EMFAC2007 Categories

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

Region	Calendar	Vehicle C	Model Year	Speed	Fuel	Population
Riverside	2025	HHDT	Aggregate	Aggregate	Gasoline	6.23225
Riverside	2025	HHDT	Aggregate	Aggregate	Diesel	15281.5
Riverside	2025	HHDT	Aggregate	Aggregate	Natural Gas	781.66
Riverside	2025	LHDT1	Aggregate	Aggregate	Gasoline	17598.4
Riverside	2025	LHDT1	Aggregate	Aggregate	Diesel	15075.6
Riverside	2025	LHDT2	Aggregate	Aggregate	Gasoline	2462.3
Riverside	2025	LHDT2	Aggregate	Aggregate	Diesel	6820.45
Riverside	2025	MHDT	Aggregate	Aggregate	Gasoline	1219.57
Riverside	2025	MHDT	Aggregate	Aggregate	Diesel	13275.7
Riverside	2025	MHDT	Aggregate	Aggregate	Natural Gas	169.786

HHDT% GAS/NG	0.04903
HHDT% DSL	0.95097
LHDT1% GAS	0.53861
LHDT1% DSL	0.46139
LHDT2% GAS	0.26526
LHDT2% DSL	0.73474
MHDT% GAS	0.08414
MHDT% DSL	0.91586

Scenario 2

**AVERAGE EMISSION FACTOR  
RIVERSIDE COUNTY 2025**

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

	LHD1	LHD2	MHD	HHD
Fleet Mix	12.25%	3.48%	25.95%	58.33%

Speed	Weighted Average Emissions
0	0.08534
5	0.02287
25	0.00932

Scenario 2

Truck Emission Rates						
Source	Trucks Per Day	VMT <sup>a</sup> (miles/day)	Truck Emission Rate <sup>b</sup> (grams/mile)	Truck Emission Rate <sup>b</sup> (grams/Idle-hour)	Daily Truck Emissions <sup>c</sup> (grams/day)	Modeled Emission Rates (g/second)
On-Site Idling - Bldg. 1	177			0.0853	3.77	4.365E-05
On-Site Idling - Bldg. 2 East	93			0.0853	1.99	2.302E-05
On-Site Idling - Bldg. 2 West	93			0.0853	1.99	2.302E-05
On-Site Idling - Bldg. 3 North	93			0.0853	1.98	2.294E-05
On-Site Idling - Bldg. 3 South	93			0.0853	1.98	2.294E-05
On-Site Idling - Bldg. 4	184			0.0853	3.92	4.542E-05
On-Site Idling - TTP Lot 1 127 Spaces	52			0.1074	0.46	5.369E-06
On-Site Idling - TTP Lot 1 86 Spaces	35			0.1074	0.31	3.636E-06
On-Site Idling - TTP Lot 1 41 Spaces	17			0.1074	0.15	1.733E-06
On-Site Idling - TTP Lot 2 258 Spaces	105			0.1074	0.94	1.091E-05
On-Site Idling - TTP Lot 2 129 Spaces	53			0.1074	0.47	5.453E-06
On-Site Idling - TTP Lot 2 16 Spaces	7			0.1074	0.06	6.764E-07
On-Site Idling - TTP Lot 2 83 Spaces	34			0.1074	0.30	3.509E-06
On-Site Idling - TTP Lot 2 62 Spaces	25			0.1074	0.23	2.621E-06
On-Site Idling - TTP Lot 2 26 Spaces	11			0.1074	0.09	1.099E-06
On-Site Idling - TTP Lot 2 32 Spaces	13			0.1074	0.12	1.353E-06
On-Site Idling - TTP Lot 2 64 Spaces	26			0.1074	0.23	2.706E-06
On-Site Idling - TTP Lot 2 38 Spaces	16			0.1074	0.14	1.606E-06
On-Site Travel - TTP 100%	785	211.86	0.0229		4.85	5.608E-05
On-Site Travel - TTP Lot 1 East	104	33.08	0.0229		0.76	8.757E-06
On-Site Travel - TTP Lot 1 West	104	8.85	0.0229		0.20	2.342E-06
On-Site Travel - TTP Lot 2 North	289	179.85	0.0229		4.11	4.761E-05
On-Site Travel - TTP Lot 2 South	289	57.48	0.0229		1.31	1.522E-05
On-Site Travel - Bldg. 1	354	74.26	0.0229		1.70	1.966E-05
On-Site Travel - Bldg. 2	373	188.17	0.0229		4.30	4.981E-05
On-Site Travel - Bldg. 3 North	186	73.30	0.0229		1.68	1.940E-05
On-Site Travel - Bldg. 3 South	186	83.56	0.0229		1.91	2.212E-05
On-Site Travel - Bldg. 4	368	147.61	0.0229		3.38	3.907E-05
Off-Site Travel - TTP Calimesa 30% Inbound/Outbound	236	179.83	0.0093		1.68	1.941E-05
Off-Site Travel - TTP Cherry Valley 2% East Inbound/Outbound	16	3.13	0.0093		0.03	3.383E-07
Off-Site Travel - TTP Cherry Valley 2% West Inbound/Outbound	16	3.99	0.0093		0.04	4.308E-07
Off-Site Travel - TTP Cherry Valley 28% Inbound/Outbound	220	36.18	0.0093		0.34	3.904E-06
Off-Site Travel - TTP Calimesa 70% Inbound/Outbound	550	225.44	0.0093		2.10	2.433E-05
Off-Site Travel - TTP Singleton 2% Inbound/Outbound	16	15.94	0.0093		0.15	1.720E-06
Off-Site Travel - TTP Singleton 66% Inbound/Outbound	518	113.62	0.0093		1.06	1.226E-05
Off-Site Travel - TTP Calimesa 2% Inbound/Outbound	16	21.51	0.0093		0.20	2.321E-06
Off-Site Travel - WH Singleton 4% Inbound/Outbound	59	59.53	0.0093		0.56	6.424E-06
Off-Site Travel - WH Singleton 62% Inbound/Outbound	909	199.31	0.0093		1.86	2.151E-05
Off-Site Travel - WH Calimesa 4% Inbound/Outbound	59	80.33	0.0093		0.75	8.668E-06
Off-Site Travel - WH Calimesa 30% Inbound/Outbound	440	235.68	0.0093		2.20	2.543E-05
Off-Site Travel - WH Cherry Valley 4% East Inbound/Outbound	59	11.57	0.0093		0.11	1.248E-06
Off-Site Travel - WH Cherry Valley 4% West Inbound/Outbound	59	14.75	0.0093		0.14	1.592E-06
Off-Site Travel - WH Cherry Valley 26% Inbound/Outbound	381	62.64	0.0093		0.58	6.760E-06
Off-Site Travel - WH Calimesa 15% Inbound/Outbound	220	50.35	0.0093		0.47	5.433E-06
Off-Site Travel - WH Calimesa 35% Inbound/Outbound	513	47.73	0.0093		0.44	5.150E-06
Off-Site Travel - WH Calimesa 70% Inbound/Outbound	1026	319.34	0.0093		2.98	3.446E-05
Off-Site Travel - WH Singleton 4% Inbound/Outbound	59	13.03	0.0093		0.12	1.406E-06

<sup>a</sup> Vehicle miles traveled are for modeled truck route only.

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

<sup>c</sup> 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 parking spaces.

Scenario 2

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

Scenario 2

Source: EMFAC2021 (v1.0.2) Emissions Inventory

Region Type: Sub-Area

Region: Riverside (SC)

Calendar Year: 2025

Season: Annual

Vehicle Classification: EMFAC2007 Categories

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

Region	Calendar	Vehicle C	Model Year	Speed	Fuel	Population
Riverside	2025	HHDT	Aggregate	Aggregate	Gasoline	6.23225
Riverside	2025	HHDT	Aggregate	Aggregate	Diesel	15281.5
Riverside	2025	HHDT	Aggregate	Aggregate	Natural Gas	781.66
Riverside	2025	LHDT1	Aggregate	Aggregate	Gasoline	17598.4
Riverside	2025	LHDT1	Aggregate	Aggregate	Diesel	15075.6
Riverside	2025	LHDT2	Aggregate	Aggregate	Gasoline	2462.3
Riverside	2025	LHDT2	Aggregate	Aggregate	Diesel	6820.45
Riverside	2025	MHDT	Aggregate	Aggregate	Gasoline	1219.57
Riverside	2025	MHDT	Aggregate	Aggregate	Diesel	13275.7
Riverside	2025	MHDT	Aggregate	Aggregate	Natural Gas	169.786

HHDT% GAS/NG	0.04903
HHDT% DSL	0.95097
LHDT1% GAS	0.53861
LHDT1% DSL	0.46139
LHDT2% GAS	0.26526
LHDT2% DSL	0.73474
MHDT% GAS	0.08414
MHDT% DSL	0.91586

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**APPENDIX 2.3:**  
**AERMOD MODEL INPUT/OUTPUT**

```

**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 11.2.0
** Lakes Environmental Software Inc.
** Date: 7/17/2023
** File: C:\Users\Michael Tirohn\Desktop\HRAs\13594 Oak Valley\13594 Construction\13594
Construction.ADI
**

```

```

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

```

```

CO STARTING
TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\13594 Oak Valley\13594 Ops\1359
MODELOPT DFAULT CONC
AVERTIME PERIOD
URBANOPT 2189641 Riverside_County
POLLUTID DPM
RUNORNOT RUN
ERRORFIL "13594 Construction.err"

```

```

CO FINISHED
**

```

```

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

```

```

SO STARTING
** Source Location **

```

```

** Source ID - Type - X Coord. - Y Coord. **

```

Source ID	Type	X Coord.	Y Coord.	
LOCATION VOL1	VOLUME	495650.680	3759695.772	700.000
LOCATION VOL2	VOLUME	495725.352	3759713.314	701.240
LOCATION VOL3	VOLUME	495799.610	3759741.875	703.190
LOCATION VOL4	VOLUME	495640.485	3759621.102	699.000
LOCATION VOL5	VOLUME	495660.069	3759547.660	697.900
LOCATION VOL6	VOLUME	495716.375	3759639.871	699.790
LOCATION VOL7	VOLUME	495714.743	3759568.060	699.000
LOCATION VOL8	VOLUME	495733.512	3759493.802	697.170
LOCATION VOL9	VOLUME	495791.450	3759667.616	700.720
LOCATION VOL10	VOLUME	495789.002	3759594.989	699.280
LOCATION VOL11	VOLUME	495789.818	3759520.731	698.020
LOCATION VOL12	VOLUME	495807.771	3759447.288	695.790
LOCATION VOL13	VOLUME	495873.869	3759772.884	704.830
LOCATION VOL14	VOLUME	495947.312	3759803.077	706.460
LOCATION VOL15	VOLUME	495867.341	3759698.625	702.890
LOCATION VOL16	VOLUME	495864.893	3759625.183	701.780
LOCATION VOL17	VOLUME	495864.077	3759551.740	701.550
LOCATION VOL18	VOLUME	495862.445	3759477.481	696.580
LOCATION VOL19	VOLUME	495864.077	3759403.223	695.000
LOCATION VOL20	VOLUME	495942.416	3759728.818	704.750
LOCATION VOL21	VOLUME	495940.783	3759653.744	703.000
LOCATION VOL22	VOLUME	495939.151	3759580.301	706.230
LOCATION VOL23	VOLUME	495937.519	3759505.226	700.030
LOCATION VOL24	VOLUME	495937.519	3759432.600	694.890
LOCATION VOL25	VOLUME	495936.703	3759360.789	694.120
LOCATION VOL26	VOLUME	496014.226	3759778.596	706.870
LOCATION VOL27	VOLUME	496015.042	3759705.153	703.980
LOCATION VOL28	VOLUME	496013.410	3759630.895	704.740
LOCATION VOL29	VOLUME	496013.410	3759555.004	704.210
LOCATION VOL30	VOLUME	496010.962	3759480.745	695.490



LOCATION VOL31	VOLUME	496011.778	3759407.303	694.020
LOCATION VOL32	VOLUME	496010.962	3759334.676	694.000
LOCATION VOL33	VOLUME	496086.853	3759756.563	706.640
LOCATION VOL34	VOLUME	496086.853	3759681.489	704.000
LOCATION VOL35	VOLUME	496086.853	3759608.862	702.720
LOCATION VOL36	VOLUME	496086.037	3759533.787	699.240
LOCATION VOL37	VOLUME	496085.221	3759459.529	695.740
LOCATION VOL38	VOLUME	496085.221	3759386.902	694.000
LOCATION VOL39	VOLUME	496083.589	3759312.643	694.090
LOCATION VOL40	VOLUME	496160.295	3759722.290	704.540
LOCATION VOL41	VOLUME	496161.111	3759647.215	702.030
LOCATION VOL42	VOLUME	496161.927	3759572.957	699.940
LOCATION VOL43	VOLUME	496159.479	3759499.514	698.300
LOCATION VOL44	VOLUME	496159.479	3759426.887	696.300
LOCATION VOL45	VOLUME	496158.663	3759352.629	694.700
LOCATION VOL46	VOLUME	496157.847	3759280.002	700.350
LOCATION VOL47	VOLUME	496159.479	3759230.224	695.300
LOCATION VOL48	VOLUME	496233.738	3759688.833	704.330
LOCATION VOL49	VOLUME	496233.738	3759614.574	702.930
LOCATION VOL50	VOLUME	496233.738	3759538.683	701.780
LOCATION VOL51	VOLUME	496234.554	3759463.609	700.540
LOCATION VOL52	VOLUME	496232.106	3759390.166	698.720
LOCATION VOL53	VOLUME	496233.738	3759316.723	699.750
LOCATION VOL54	VOLUME	496232.922	3759244.097	700.200
LOCATION VOL55	VOLUME	496233.738	3759174.734	695.000
LOCATION VOL56	VOLUME	496308.813	3759664.352	705.840
LOCATION VOL57	VOLUME	496309.629	3759589.277	705.680
LOCATION VOL58	VOLUME	496308.813	3759515.019	705.010
LOCATION VOL59	VOLUME	496306.365	3759441.576	703.380
LOCATION VOL60	VOLUME	496307.181	3759368.133	702.720
LOCATION VOL61	VOLUME	496307.997	3759293.059	705.480
LOCATION VOL62	VOLUME	496307.181	3759217.984	705.960
LOCATION VOL63	VOLUME	496308.813	3759142.909	695.690
LOCATION VOL64	VOLUME	496292.492	3759112.716	695.000
LOCATION VOL65	VOLUME	496384.703	3759653.744	709.760
LOCATION VOL66	VOLUME	496384.703	3759578.669	708.810
LOCATION VOL67	VOLUME	496383.887	3759504.410	707.210
LOCATION VOL68	VOLUME	496380.623	3759430.152	706.350
LOCATION VOL69	VOLUME	496381.439	3759356.709	705.950
LOCATION VOL70	VOLUME	496381.439	3759284.082	707.000
LOCATION VOL71	VOLUME	496382.255	3759232.672	707.000
LOCATION VOL72	VOLUME	496356.958	3759189.423	705.770
LOCATION VOL73	VOLUME	496459.778	3759622.734	712.530
LOCATION VOL74	VOLUME	496459.778	3759547.660	711.120
LOCATION VOL75	VOLUME	496458.146	3759475.033	709.990
LOCATION VOL76	VOLUME	496456.514	3759430.968	709.370
LOCATION VOL77	VOLUME	496441.010	3759357.525	706.640
LOCATION VOL78	VOLUME	496413.265	3759315.907	707.000
LOCATION VOL79	VOLUME	496400.208	3759257.969	707.000
LOCATION VOL80	VOLUME	496533.221	3759570.509	713.890
LOCATION VOL81	VOLUME	496533.221	3759497.882	715.520
LOCATION VOL82	VOLUME	496529.141	3759457.080	716.290
LOCATION VOL83	VOLUME	496607.480	3759539.499	716.890
LOCATION VOL84	VOLUME	496606.663	3759479.113	720.580
LOCATION VOL85	VOLUME	496653.177	3759487.274	722.480

\*\* -----  
\*\* Line Source Represented by Adjacent Volume Sources  
\*\* LINE VOLUME Source ID = SLINE1  
\*\* DESCRSRC  
\*\* PREFIX  
\*\* Length of Side = 8.59  
\*\* Configuration = Adjacent  
\*\* Emission Rate = 0.0009824835  
\*\* Vertical Dimension = 6.99  
\*\* SZINIT = 3.25  
\*\* Nodes = 25

\*\* 495601.911, 3759581.925, 698.00, 3.49, 4.00  
 \*\* 495656.588, 3759513.374, 697.13, 3.49, 4.00  
 \*\* 495698.208, 3759479.915, 697.00, 3.49, 4.00  
 \*\* 495785.529, 3759412.996, 695.08, 3.49, 4.00  
 \*\* 495838.574, 3759377.088, 695.00, 3.49, 4.00  
 \*\* 495946.297, 3759318.330, 694.91, 3.49, 4.00  
 \*\* 496024.641, 3759279.158, 694.11, 3.49, 4.00  
 \*\* 496073.606, 3759252.228, 695.00, 3.49, 4.00  
 \*\* 496129.916, 3759211.424, 695.00, 3.49, 4.00  
 \*\* 496173.984, 3759182.045, 695.00, 3.49, 4.00  
 \*\* 496258.041, 3759111.862, 695.00, 3.49, 4.00  
 \*\* 496302.925, 3759063.713, 695.00, 3.49, 4.00  
 \*\* 496391.878, 3758991.898, 696.11, 3.49, 4.00  
 \*\* 496427.786, 3758955.174, 698.96, 3.49, 4.00  
 \*\* 496554.278, 3758844.187, 705.75, 3.49, 4.00  
 \*\* 496630.990, 3758796.038, 705.17, 3.49, 4.00  
 \*\* 496696.276, 3758772.372, 705.13, 3.49, 4.00  
 \*\* 496786.862, 3758747.073, 706.07, 3.49, 4.00  
 \*\* 496826.033, 3758733.200, 706.94, 3.49, 4.00  
 \*\* 496857.861, 3758707.901, 708.32, 3.49, 4.00  
 \*\* 496880.711, 3758663.017, 710.44, 3.49, 4.00  
 \*\* 496777.885, 3758651.591, 716.11, 3.49, 4.00  
 \*\* 496726.471, 3758641.799, 716.45, 3.49, 4.00  
 \*\* 496691.380, 3758628.741, 716.04, 3.49, 4.00  
 \*\* 496627.726, 3758589.569, 718.95, 3.49, 4.00

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LOCATION L0000001	VOLUME	495604.589	3759578.567	697.95
LOCATION L0000002	VOLUME	495609.945	3759571.852	697.99
LOCATION L0000003	VOLUME	495615.302	3759565.136	698.00
LOCATION L0000004	VOLUME	495620.658	3759558.421	698.00
LOCATION L0000005	VOLUME	495626.014	3759551.705	697.85
LOCATION L0000006	VOLUME	495631.371	3759544.990	697.63
LOCATION L0000007	VOLUME	495636.727	3759538.274	697.40
LOCATION L0000008	VOLUME	495642.084	3759531.559	697.22
LOCATION L0000009	VOLUME	495647.440	3759524.843	697.19
LOCATION L0000010	VOLUME	495652.796	3759518.128	697.14
LOCATION L0000011	VOLUME	495658.544	3759511.802	697.12
LOCATION L0000012	VOLUME	495665.238	3759506.420	697.17
LOCATION L0000013	VOLUME	495671.933	3759501.038	697.16
LOCATION L0000014	VOLUME	495678.628	3759495.656	696.99
LOCATION L0000015	VOLUME	495685.323	3759490.273	696.90
LOCATION L0000016	VOLUME	495692.018	3759484.891	696.89
LOCATION L0000017	VOLUME	495698.722	3759479.521	696.97
LOCATION L0000018	VOLUME	495705.540	3759474.296	697.12
LOCATION L0000019	VOLUME	495712.358	3759469.071	697.36
LOCATION L0000020	VOLUME	495719.176	3759463.846	697.55
LOCATION L0000021	VOLUME	495725.994	3759458.621	697.60
LOCATION L0000022	VOLUME	495732.812	3759453.396	697.49
LOCATION L0000023	VOLUME	495739.631	3759448.170	697.09
LOCATION L0000024	VOLUME	495746.449	3759442.945	696.69
LOCATION L0000025	VOLUME	495753.267	3759437.720	696.29
LOCATION L0000026	VOLUME	495760.085	3759432.495	696.01
LOCATION L0000027	VOLUME	495766.903	3759427.270	695.94
LOCATION L0000028	VOLUME	495773.721	3759422.045	695.79
LOCATION L0000029	VOLUME	495780.539	3759416.820	695.57
LOCATION L0000030	VOLUME	495787.437	3759411.705	695.27
LOCATION L0000031	VOLUME	495794.550	3759406.889	695.02
LOCATION L0000032	VOLUME	495801.663	3759402.074	695.00
LOCATION L0000033	VOLUME	495808.777	3759397.259	695.00
LOCATION L0000034	VOLUME	495815.890	3759392.444	695.00
LOCATION L0000035	VOLUME	495823.004	3759387.628	695.00
LOCATION L0000036	VOLUME	495830.117	3759382.813	695.00
LOCATION L0000037	VOLUME	495837.231	3759377.998	695.00
LOCATION L0000038	VOLUME	495844.691	3759373.752	695.00
LOCATION L0000039	VOLUME	495852.232	3759369.639	695.00
LOCATION L0000040	VOLUME	495859.773	3759365.525	695.00

LOCATION	L0000041	VOLUME	495867.314	3759361.412	695.00
LOCATION	L0000042	VOLUME	495874.856	3759357.299	695.00
LOCATION	L0000043	VOLUME	495882.397	3759353.185	695.00
LOCATION	L0000044	VOLUME	495889.938	3759349.072	695.00
LOCATION	L0000045	VOLUME	495897.479	3759344.959	695.00
LOCATION	L0000046	VOLUME	495905.020	3759340.845	695.00
LOCATION	L0000047	VOLUME	495912.561	3759336.732	694.95
LOCATION	L0000048	VOLUME	495920.102	3759332.618	694.82
LOCATION	L0000049	VOLUME	495927.643	3759328.505	694.76
LOCATION	L0000050	VOLUME	495935.185	3759324.392	694.77
LOCATION	L0000051	VOLUME	495942.726	3759320.278	694.80
LOCATION	L0000052	VOLUME	495950.342	3759316.308	694.67
LOCATION	L0000053	VOLUME	495958.025	3759312.467	694.36
LOCATION	L0000054	VOLUME	495965.708	3759308.625	694.12
LOCATION	L0000055	VOLUME	495973.391	3759304.783	694.00
LOCATION	L0000056	VOLUME	495981.074	3759300.942	694.00
LOCATION	L0000057	VOLUME	495988.757	3759297.100	694.00
LOCATION	L0000058	VOLUME	495996.440	3759293.259	694.00
LOCATION	L0000059	VOLUME	496004.123	3759289.417	694.00
LOCATION	L0000060	VOLUME	496011.807	3759285.576	694.02
LOCATION	L0000061	VOLUME	496019.490	3759281.734	694.15
LOCATION	L0000062	VOLUME	496027.121	3759277.794	694.28
LOCATION	L0000063	VOLUME	496034.648	3759273.655	694.42
LOCATION	L0000064	VOLUME	496042.175	3759269.515	694.56
LOCATION	L0000065	VOLUME	496049.701	3759265.375	694.69
LOCATION	L0000066	VOLUME	496057.228	3759261.236	694.83
LOCATION	L0000067	VOLUME	496064.755	3759257.096	694.97
LOCATION	L0000068	VOLUME	496072.281	3759252.956	695.00
LOCATION	L0000069	VOLUME	496079.338	3759248.074	695.00
LOCATION	L0000070	VOLUME	496086.293	3759243.034	695.00
LOCATION	L0000071	VOLUME	496093.249	3759237.994	695.00
LOCATION	L0000072	VOLUME	496100.205	3759232.953	695.00
LOCATION	L0000073	VOLUME	496107.161	3759227.913	695.00
LOCATION	L0000074	VOLUME	496114.116	3759222.872	695.00
LOCATION	L0000075	VOLUME	496121.072	3759217.832	695.00
LOCATION	L0000076	VOLUME	496128.028	3759212.792	695.00
LOCATION	L0000077	VOLUME	496135.123	3759207.952	695.00
LOCATION	L0000078	VOLUME	496142.271	3759203.187	695.00
LOCATION	L0000079	VOLUME	496149.418	3759198.422	695.00
LOCATION	L0000080	VOLUME	496156.565	3759193.657	695.00
LOCATION	L0000081	VOLUME	496163.713	3759188.892	695.00
LOCATION	L0000082	VOLUME	496170.860	3759184.128	695.00
LOCATION	L0000083	VOLUME	496177.696	3759178.946	695.00
LOCATION	L0000084	VOLUME	496184.289	3759173.440	695.00
LOCATION	L0000085	VOLUME	496190.883	3759167.935	695.00
LOCATION	L0000086	VOLUME	496197.477	3759162.429	695.00
LOCATION	L0000087	VOLUME	496204.071	3759156.924	695.00
LOCATION	L0000088	VOLUME	496210.664	3759151.418	695.00
LOCATION	L0000089	VOLUME	496217.258	3759145.913	695.00
LOCATION	L0000090	VOLUME	496223.852	3759140.407	695.00
LOCATION	L0000091	VOLUME	496230.446	3759134.902	695.00
LOCATION	L0000092	VOLUME	496237.039	3759129.396	695.00
LOCATION	L0000093	VOLUME	496243.633	3759123.891	695.00
LOCATION	L0000094	VOLUME	496250.227	3759118.386	695.00
LOCATION	L0000095	VOLUME	496256.821	3759112.880	695.00
LOCATION	L0000096	VOLUME	496262.814	3759106.741	695.00
LOCATION	L0000097	VOLUME	496268.672	3759100.457	695.00
LOCATION	L0000098	VOLUME	496274.529	3759094.174	695.00
LOCATION	L0000099	VOLUME	496280.386	3759087.891	695.00
LOCATION	L0000100	VOLUME	496286.244	3759081.607	695.00
LOCATION	L0000101	VOLUME	496292.101	3759075.324	695.01
LOCATION	L0000102	VOLUME	496297.958	3759069.041	695.02
LOCATION	L0000103	VOLUME	496303.941	3759062.892	695.00
LOCATION	L0000104	VOLUME	496310.625	3759057.496	695.00
LOCATION	L0000105	VOLUME	496317.309	3759052.100	695.00
LOCATION	L0000106	VOLUME	496323.992	3759046.704	695.00

LOCATION L0000107	VOLUME	496330.676	3759041.308	695.16
LOCATION L0000108	VOLUME	496337.360	3759035.912	695.26
LOCATION L0000109	VOLUME	496344.043	3759030.516	695.29
LOCATION L0000110	VOLUME	496350.727	3759025.120	695.23
LOCATION L0000111	VOLUME	496357.411	3759019.724	695.09
LOCATION L0000112	VOLUME	496364.094	3759014.328	695.12
LOCATION L0000113	VOLUME	496370.778	3759008.933	695.40
LOCATION L0000114	VOLUME	496377.462	3759003.537	695.60
LOCATION L0000115	VOLUME	496384.145	3758998.141	695.73
LOCATION L0000116	VOLUME	496390.829	3758992.745	695.79
LOCATION L0000117	VOLUME	496396.941	3758986.720	695.99
LOCATION L0000118	VOLUME	496402.946	3758980.578	696.56
LOCATION L0000119	VOLUME	496408.952	3758974.436	697.17
LOCATION L0000120	VOLUME	496414.957	3758968.294	697.79
LOCATION L0000121	VOLUME	496420.962	3758962.152	698.39
LOCATION L0000122	VOLUME	496426.968	3758956.010	698.79
LOCATION L0000123	VOLUME	496433.363	3758950.280	698.85
LOCATION L0000124	VOLUME	496439.820	3758944.614	698.99
LOCATION L0000125	VOLUME	496446.277	3758938.949	699.21
LOCATION L0000126	VOLUME	496452.734	3758933.284	699.60
LOCATION L0000127	VOLUME	496459.191	3758927.618	700.20
LOCATION L0000128	VOLUME	496465.648	3758921.953	700.79
LOCATION L0000129	VOLUME	496472.105	3758916.288	701.23
LOCATION L0000130	VOLUME	496478.561	3758910.622	701.52
LOCATION L0000131	VOLUME	496485.018	3758904.957	701.71
LOCATION L0000132	VOLUME	496491.475	3758899.291	701.90
LOCATION L0000133	VOLUME	496497.932	3758893.626	702.21
LOCATION L0000134	VOLUME	496504.389	3758887.961	702.60
LOCATION L0000135	VOLUME	496510.846	3758882.295	702.93
LOCATION L0000136	VOLUME	496517.303	3758876.630	703.38
LOCATION L0000137	VOLUME	496523.760	3758870.964	703.75
LOCATION L0000138	VOLUME	496530.217	3758865.299	704.07
LOCATION L0000139	VOLUME	496536.673	3758859.634	704.46
LOCATION L0000140	VOLUME	496543.130	3758853.968	704.72
LOCATION L0000141	VOLUME	496549.587	3758848.303	704.89
LOCATION L0000142	VOLUME	496556.268	3758842.938	705.02
LOCATION L0000143	VOLUME	496563.544	3758838.371	705.08
LOCATION L0000144	VOLUME	496570.819	3758833.805	705.07
LOCATION L0000145	VOLUME	496578.095	3758829.238	704.98
LOCATION L0000146	VOLUME	496585.370	3758824.671	704.89
LOCATION L0000147	VOLUME	496592.646	3758820.105	704.80
LOCATION L0000148	VOLUME	496599.922	3758815.538	704.71
LOCATION L0000149	VOLUME	496607.197	3758810.972	704.88
LOCATION L0000150	VOLUME	496614.473	3758806.405	705.00
LOCATION L0000151	VOLUME	496621.748	3758801.838	705.14
LOCATION L0000152	VOLUME	496629.024	3758797.272	705.30
LOCATION L0000153	VOLUME	496636.884	3758793.902	705.32
LOCATION L0000154	VOLUME	496644.959	3758790.974	705.26
LOCATION L0000155	VOLUME	496653.035	3758788.047	705.15
LOCATION L0000156	VOLUME	496661.111	3758785.119	705.00
LOCATION L0000157	VOLUME	496669.187	3758782.192	705.00
LOCATION L0000158	VOLUME	496677.262	3758779.264	705.00
LOCATION L0000159	VOLUME	496685.338	3758776.337	705.00
LOCATION L0000160	VOLUME	496693.414	3758773.409	705.18
LOCATION L0000161	VOLUME	496701.617	3758770.880	705.48
LOCATION L0000162	VOLUME	496709.891	3758768.569	705.74
LOCATION L0000163	VOLUME	496718.164	3758766.259	705.95
LOCATION L0000164	VOLUME	496726.438	3758763.948	706.00
LOCATION L0000165	VOLUME	496734.711	3758761.638	706.00
LOCATION L0000166	VOLUME	496742.984	3758759.327	706.00
LOCATION L0000167	VOLUME	496751.258	3758757.016	706.01
LOCATION L0000168	VOLUME	496759.531	3758754.706	706.09
LOCATION L0000169	VOLUME	496767.805	3758752.395	706.12
LOCATION L0000170	VOLUME	496776.078	3758750.085	706.11
LOCATION L0000171	VOLUME	496784.351	3758747.774	706.18
LOCATION L0000172	VOLUME	496792.502	3758745.075	706.40

LOCATION L0000173	VOLUME	496800.599	3758742.208	706.67
LOCATION L0000174	VOLUME	496808.696	3758739.340	706.94
LOCATION L0000175	VOLUME	496816.793	3758736.472	707.07
LOCATION L0000176	VOLUME	496824.891	3758733.604	707.20
LOCATION L0000177	VOLUME	496831.809	3758728.609	707.42
LOCATION L0000178	VOLUME	496838.533	3758723.264	707.71
LOCATION L0000179	VOLUME	496845.258	3758717.919	708.11
LOCATION L0000180	VOLUME	496851.982	3758712.574	708.31
LOCATION L0000181	VOLUME	496858.351	3758706.938	708.47
LOCATION L0000182	VOLUME	496862.248	3758699.283	708.57
LOCATION L0000183	VOLUME	496866.145	3758691.628	708.74
LOCATION L0000184	VOLUME	496870.042	3758683.973	709.05
LOCATION L0000185	VOLUME	496873.940	3758676.318	709.44
LOCATION L0000186	VOLUME	496877.837	3758668.663	709.83
LOCATION L0000187	VOLUME	496878.470	3758662.768	710.05
LOCATION L0000188	VOLUME	496869.933	3758661.819	709.80
LOCATION L0000189	VOLUME	496861.395	3758660.870	709.75
LOCATION L0000190	VOLUME	496852.858	3758659.922	709.73
LOCATION L0000191	VOLUME	496844.320	3758658.973	709.74
LOCATION L0000192	VOLUME	496835.783	3758658.025	710.70
LOCATION L0000193	VOLUME	496827.245	3758657.076	712.49
LOCATION L0000194	VOLUME	496818.708	3758656.127	714.36
LOCATION L0000195	VOLUME	496810.171	3758655.179	716.10
LOCATION L0000196	VOLUME	496801.633	3758654.230	716.19
LOCATION L0000197	VOLUME	496793.096	3758653.282	716.29
LOCATION L0000198	VOLUME	496784.558	3758652.333	716.38
LOCATION L0000199	VOLUME	496776.042	3758651.241	716.52
LOCATION L0000200	VOLUME	496767.604	3758649.633	716.75
LOCATION L0000201	VOLUME	496759.166	3758648.026	717.01
LOCATION L0000202	VOLUME	496750.727	3758646.419	717.30
LOCATION L0000203	VOLUME	496742.289	3758644.811	717.24
LOCATION L0000204	VOLUME	496733.851	3758643.204	717.18
LOCATION L0000205	VOLUME	496725.461	3758641.423	717.13
LOCATION L0000206	VOLUME	496717.410	3758638.427	717.10
LOCATION L0000207	VOLUME	496709.360	3758635.431	716.77
LOCATION L0000208	VOLUME	496701.309	3758632.436	716.38
LOCATION L0000209	VOLUME	496693.258	3758629.440	715.94
LOCATION L0000210	VOLUME	496685.771	3758625.290	716.17
LOCATION L0000211	VOLUME	496678.455	3758620.788	716.54
LOCATION L0000212	VOLUME	496671.140	3758616.286	717.07
LOCATION L0000213	VOLUME	496663.824	3758611.784	717.74
LOCATION L0000214	VOLUME	496656.508	3758607.282	718.26
LOCATION L0000215	VOLUME	496649.192	3758602.780	718.56
LOCATION L0000216	VOLUME	496641.877	3758598.278	718.86
LOCATION L0000217	VOLUME	496634.561	3758593.776	719.00

\*\* End of LINE VOLUME Source ID = SLINE1

LOCATION VOL86	VOLUME	496722.706	3759503.485	731.360
LOCATION VOL87	VOLUME	495604.912	3759622.439	698.850
LOCATION VOL88	VOLUME	495582.481	3759695.469	699.670
LOCATION VOL89	VOLUME	495527.187	3759693.904	698.820
LOCATION VOL90	VOLUME	495580.394	3759770.064	701.000
LOCATION VOL91	VOLUME	495580.394	3759843.616	702.580
LOCATION VOL92	VOLUME	495506.321	3759847.267	702.700
LOCATION VOL93	VOLUME	495432.769	3759846.224	700.830
LOCATION VOL94	VOLUME	495655.511	3759880.653	703.500
LOCATION VOL95	VOLUME	495726.455	3759903.605	704.940
LOCATION VOL96	VOLUME	495789.052	3759930.209	706.450
LOCATION VOL97	VOLUME	495858.431	3759955.248	708.120
LOCATION VOL98	VOLUME	495902.249	3759900.475	708.220
LOCATION VOL99	VOLUME	495968.498	3759864.482	708.950

\*\* Source Parameters \*\*

SRCPARAM VOL1	0.0001739423	5.000	17.270	1.400
SRCPARAM VOL2	0.0001739423	5.000	17.270	1.400
SRCPARAM VOL3	0.0001739423	5.000	17.270	1.400
SRCPARAM VOL4	0.0001739423	5.000	17.270	1.400
SRCPARAM VOL5	0.0001739423	5.000	17.270	1.400











SRCPARAM	L0000184	0.000004528	3.49	4.00	3.25
SRCPARAM	L0000185	0.000004528	3.49	4.00	3.25
SRCPARAM	L0000186	0.000004528	3.49	4.00	3.25
SRCPARAM	L0000187	0.000004528	3.49	4.00	3.25
SRCPARAM	L0000188	0.000004528	3.49	4.00	3.25
SRCPARAM	L0000189	0.000004528	3.49	4.00	3.25
SRCPARAM	L0000190	0.000004528	3.49	4.00	3.25
SRCPARAM	L0000191	0.000004528	3.49	4.00	3.25
SRCPARAM	L0000192	0.000004528	3.49	4.00	3.25
SRCPARAM	L0000193	0.000004528	3.49	4.00	3.25
SRCPARAM	L0000194	0.000004528	3.49	4.00	3.25
SRCPARAM	L0000195	0.000004528	3.49	4.00	3.25
SRCPARAM	L0000196	0.000004528	3.49	4.00	3.25
SRCPARAM	L0000197	0.000004528	3.49	4.00	3.25
SRCPARAM	L0000198	0.000004528	3.49	4.00	3.25
SRCPARAM	L0000199	0.000004528	3.49	4.00	3.25
SRCPARAM	L0000200	0.000004528	3.49	4.00	3.25
SRCPARAM	L0000201	0.000004528	3.49	4.00	3.25
SRCPARAM	L0000202	0.000004528	3.49	4.00	3.25
SRCPARAM	L0000203	0.000004528	3.49	4.00	3.25
SRCPARAM	L0000204	0.000004528	3.49	4.00	3.25
SRCPARAM	L0000205	0.000004528	3.49	4.00	3.25
SRCPARAM	L0000206	0.000004528	3.49	4.00	3.25
SRCPARAM	L0000207	0.000004528	3.49	4.00	3.25
SRCPARAM	L0000208	0.000004528	3.49	4.00	3.25
SRCPARAM	L0000209	0.000004528	3.49	4.00	3.25
SRCPARAM	L0000210	0.000004528	3.49	4.00	3.25
SRCPARAM	L0000211	0.000004528	3.49	4.00	3.25
SRCPARAM	L0000212	0.000004528	3.49	4.00	3.25
SRCPARAM	L0000213	0.000004528	3.49	4.00	3.25
SRCPARAM	L0000214	0.000004528	3.49	4.00	3.25
SRCPARAM	L0000215	0.000004528	3.49	4.00	3.25
SRCPARAM	L0000216	0.000004528	3.49	4.00	3.25
SRCPARAM	L0000217	0.000004528	3.49	4.00	3.25

\*\*

SRCPARAM	VOL86	0.0001739423	5.000	17.270	1.400
SRCPARAM	VOL87	0.0001739423	5.000	17.270	1.400
SRCPARAM	VOL88	0.0001739423	5.000	17.270	1.400
SRCPARAM	VOL89	0.0001739423	5.000	17.270	1.400
SRCPARAM	VOL90	0.0001739423	5.000	17.270	1.400
SRCPARAM	VOL91	0.0001739423	5.000	17.270	1.400
SRCPARAM	VOL92	0.0001739423	5.000	17.270	1.400
SRCPARAM	VOL93	0.0001739423	5.000	17.270	1.400
SRCPARAM	VOL94	0.0001739423	5.000	17.270	1.400
SRCPARAM	VOL95	0.0001739423	5.000	17.270	1.400
SRCPARAM	VOL96	0.0001739423	5.000	17.270	1.400
SRCPARAM	VOL97	0.0001739423	5.000	17.270	1.400
SRCPARAM	VOL98	0.0001739423	5.000	17.270	1.400
SRCPARAM	VOL99	0.0001739423	5.000	17.270	1.400
URBANSRC	ALL				

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

\*\* Variable Emission Scenario: "Scenario 1"

\*\* WeekDays:

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

\*\* Saturday:

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

\*\* Sunday:

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









































































































































EMISFACT 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
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

SO FINISHED

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\*\* AERMOD Receptor Pathway

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RE STARTING

INCLUDED "13594 Construction.rou"

RE FINISHED

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** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
SURFFILE RDLD_V9_ADJU\RDLD_v9.SFC
PROFFILE RDLD_V9_ADJU\RDLD_v9.PFL
SURFDATA 3171 2012
UAIRDATA 3190 2012
SITEDATA 99999 2012
PROFBASE 481.0 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
** Auto-Generated Plotfiles
PLOTFILE PERIOD ALL "13594 CONSTRUCTION.AD\PE00GALL.PLT" 31
SUMMFILE "13594 Construction.sum"
OU FINISHED
**
*****
** Project Parameters
*****
** PROJCTN CoordinateSystemUTM
** DESCPTN UTM: Universal Transverse Mercator
** DATUM North American Datum 1983
** DTMRGN CONUS
** UNITS m
** ZONE 11
** ZONEINX 0
**
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** Lakes Environmental AERMOD MPI
**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 11.2.0
** Lakes Environmental Software Inc.
** Date: 7/17/2023
** File: C:\Users\Michael Tirohn\Desktop\HRAs\13594 Oak Valley\13594 Construction\13594
Construction.ADI
**

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*****
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*****
** AERMOD Control Pathway
*****
**
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CO STARTING
TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\13594 Oak Valley\13594 Ops\1359
MODELOPT DFAULT CONC
AVERTIME PERIOD
URBANOPT 2189641 Riverside_County
POLLUTID DPM
RUNORNOT RUN
ERRORFIL "13594 Construction.err"

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CO FINISHED

```

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

```

SO STARTING

\*\* Source Location \*\*

** Source ID - Type - X Coord. - Y Coord. **				
LOCATION VOL1	VOLUME	495650.680	3759695.772	700.000
LOCATION VOL2	VOLUME	495725.352	3759713.314	701.240
LOCATION VOL3	VOLUME	495799.610	3759741.875	703.190
LOCATION VOL4	VOLUME	495640.485	3759621.102	699.000
LOCATION VOL5	VOLUME	495660.069	3759547.660	697.900
LOCATION VOL6	VOLUME	495716.375	3759639.871	699.790
LOCATION VOL7	VOLUME	495714.743	3759568.060	699.000
LOCATION VOL8	VOLUME	495733.512	3759493.802	697.170
LOCATION VOL9	VOLUME	495791.450	3759667.616	700.720
LOCATION VOL10	VOLUME	495789.002	3759594.989	699.280
LOCATION VOL11	VOLUME	495789.818	3759520.731	698.020
LOCATION VOL12	VOLUME	495807.771	3759447.288	695.790
LOCATION VOL13	VOLUME	495873.869	3759772.884	704.830
LOCATION VOL14	VOLUME	495947.312	3759803.077	706.460
LOCATION VOL15	VOLUME	495867.341	3759698.625	702.890
LOCATION VOL16	VOLUME	495864.893	3759625.183	701.780
LOCATION VOL17	VOLUME	495864.077	3759551.740	701.550
LOCATION VOL18	VOLUME	495862.445	3759477.481	696.580
LOCATION VOL19	VOLUME	495864.077	3759403.223	695.000
LOCATION VOL20	VOLUME	495942.416	3759728.818	704.750
LOCATION VOL21	VOLUME	495940.783	3759653.744	703.000
LOCATION VOL22	VOLUME	495939.151	3759580.301	706.230
LOCATION VOL23	VOLUME	495937.519	3759505.226	700.030
LOCATION VOL24	VOLUME	495937.519	3759432.600	694.890
LOCATION VOL25	VOLUME	495936.703	3759360.789	694.120
LOCATION VOL26	VOLUME	496014.226	3759778.596	706.870
LOCATION VOL27	VOLUME	496015.042	3759705.153	703.980
LOCATION VOL28	VOLUME	496013.410	3759630.895	704.740
LOCATION VOL29	VOLUME	496013.410	3759555.004	704.210

LOCATION VOL30	VOLUME	496010.962	3759480.745	695.490
LOCATION VOL31	VOLUME	496011.778	3759407.303	694.020
LOCATION VOL32	VOLUME	496010.962	3759334.676	694.000
LOCATION VOL33	VOLUME	496086.853	3759756.563	706.640
LOCATION VOL34	VOLUME	496086.853	3759681.489	704.000
LOCATION VOL35	VOLUME	496086.853	3759608.862	702.720
LOCATION VOL36	VOLUME	496086.037	3759533.787	699.240
LOCATION VOL37	VOLUME	496085.221	3759459.529	695.740
LOCATION VOL38	VOLUME	496085.221	3759386.902	694.000
LOCATION VOL39	VOLUME	496083.589	3759312.643	694.090
LOCATION VOL40	VOLUME	496160.295	3759722.290	704.540
LOCATION VOL41	VOLUME	496161.111	3759647.215	702.030
LOCATION VOL42	VOLUME	496161.927	3759572.957	699.940
LOCATION VOL43	VOLUME	496159.479	3759499.514	698.300
LOCATION VOL44	VOLUME	496159.479	3759426.887	696.300
LOCATION VOL45	VOLUME	496158.663	3759352.629	694.700
LOCATION VOL46	VOLUME	496157.847	3759280.002	700.350
LOCATION VOL47	VOLUME	496159.479	3759230.224	695.300
LOCATION VOL48	VOLUME	496233.738	3759688.833	704.330
LOCATION VOL49	VOLUME	496233.738	3759614.574	702.930
LOCATION VOL50	VOLUME	496233.738	3759538.683	701.780
LOCATION VOL51	VOLUME	496234.554	3759463.609	700.540
LOCATION VOL52	VOLUME	496232.106	3759390.166	698.720
LOCATION VOL53	VOLUME	496233.738	3759316.723	699.750
LOCATION VOL54	VOLUME	496232.922	3759244.097	700.200
LOCATION VOL55	VOLUME	496233.738	3759174.734	695.000
LOCATION VOL56	VOLUME	496308.813	3759664.352	705.840
LOCATION VOL57	VOLUME	496309.629	3759589.277	705.680
LOCATION VOL58	VOLUME	496308.813	3759515.019	705.010
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LOCATION VOL60	VOLUME	496307.181	3759368.133	702.720
LOCATION VOL61	VOLUME	496307.997	3759293.059	705.480
LOCATION VOL62	VOLUME	496307.181	3759217.984	705.960
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LOCATION VOL64	VOLUME	496292.492	3759112.716	695.000
LOCATION VOL65	VOLUME	496384.703	3759653.744	709.760
LOCATION VOL66	VOLUME	496384.703	3759578.669	708.810
LOCATION VOL67	VOLUME	496383.887	3759504.410	707.210
LOCATION VOL68	VOLUME	496380.623	3759430.152	706.350
LOCATION VOL69	VOLUME	496381.439	3759356.709	705.950
LOCATION VOL70	VOLUME	496381.439	3759284.082	707.000
LOCATION VOL71	VOLUME	496382.255	3759232.672	707.000
LOCATION VOL72	VOLUME	496356.958	3759189.423	705.770
LOCATION VOL73	VOLUME	496459.778	3759622.734	712.530
LOCATION VOL74	VOLUME	496459.778	3759547.660	711.120
LOCATION VOL75	VOLUME	496458.146	3759475.033	709.990
LOCATION VOL76	VOLUME	496456.514	3759430.968	709.370
LOCATION VOL77	VOLUME	496441.010	3759357.525	706.640
LOCATION VOL78	VOLUME	496413.265	3759315.907	707.000
LOCATION VOL79	VOLUME	496400.208	3759257.969	707.000
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LOCATION VOL81	VOLUME	496533.221	3759497.882	715.520
LOCATION VOL82	VOLUME	496529.141	3759457.080	716.290
LOCATION VOL83	VOLUME	496607.480	3759539.499	716.890
LOCATION VOL84	VOLUME	496606.663	3759479.113	720.580
LOCATION VOL85	VOLUME	496653.177	3759487.274	722.480

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 \*\* Line Source Represented by Adjacent Volume Sources  
 \*\* LINE VOLUME Source ID = SLINE1  
 \*\* DESCRSRC  
 \*\* PREFIX  
 \*\* Length of Side = 8.59  
 \*\* Configuration = Adjacent  
 \*\* Emission Rate = 0.0009824835  
 \*\* Vertical Dimension = 6.99  
 \*\* SZINIT = 3.25

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** 496777.885, 3758651.591, 716.11, 3.49, 4.00
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LOCATION L0000008    VOLUME  495642.084 3759531.559 697.22
LOCATION L0000009    VOLUME  495647.440 3759524.843 697.19
LOCATION L0000010    VOLUME  495652.796 3759518.128 697.14
LOCATION L0000011    VOLUME  495658.544 3759511.802 697.12
LOCATION L0000012    VOLUME  495665.238 3759506.420 697.17
LOCATION L0000013    VOLUME  495671.933 3759501.038 697.16
LOCATION L0000014    VOLUME  495678.628 3759495.656 696.99
LOCATION L0000015    VOLUME  495685.323 3759490.273 696.90
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LOCATION L0000017    VOLUME  495698.722 3759479.521 696.97
LOCATION L0000018    VOLUME  495705.540 3759474.296 697.12
LOCATION L0000019    VOLUME  495712.358 3759469.071 697.36
LOCATION L0000020    VOLUME  495719.176 3759463.846 697.55
LOCATION L0000021    VOLUME  495725.994 3759458.621 697.60
LOCATION L0000022    VOLUME  495732.812 3759453.396 697.49
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LOCATION L0000025    VOLUME  495753.267 3759437.720 696.29
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LOCATION L0000027    VOLUME  495766.903 3759427.270 695.94
LOCATION L0000028    VOLUME  495773.721 3759422.045 695.79
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LOCATION L0000030    VOLUME  495787.437 3759411.705 695.27
LOCATION L0000031    VOLUME  495794.550 3759406.889 695.02
LOCATION L0000032    VOLUME  495801.663 3759402.074 695.00
LOCATION L0000033    VOLUME  495808.777 3759397.259 695.00
LOCATION L0000034    VOLUME  495815.890 3759392.444 695.00
LOCATION L0000035    VOLUME  495823.004 3759387.628 695.00
LOCATION L0000036    VOLUME  495830.117 3759382.813 695.00
LOCATION L0000037    VOLUME  495837.231 3759377.998 695.00
LOCATION L0000038    VOLUME  495844.691 3759373.752 695.00
LOCATION L0000039    VOLUME  495852.232 3759369.639 695.00

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LOCATION L0000047	VOLUME	495912.561	3759336.732	694.95
LOCATION L0000048	VOLUME	495920.102	3759332.618	694.82
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LOCATION L0000051	VOLUME	495942.726	3759320.278	694.80
LOCATION L0000052	VOLUME	495950.342	3759316.308	694.67
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LOCATION L0000064	VOLUME	496042.175	3759269.515	694.56
LOCATION L0000065	VOLUME	496049.701	3759265.375	694.69
LOCATION L0000066	VOLUME	496057.228	3759261.236	694.83
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LOCATION L0000071	VOLUME	496093.249	3759237.994	695.00
LOCATION L0000072	VOLUME	496100.205	3759232.953	695.00
LOCATION L0000073	VOLUME	496107.161	3759227.913	695.00
LOCATION L0000074	VOLUME	496114.116	3759222.872	695.00
LOCATION L0000075	VOLUME	496121.072	3759217.832	695.00
LOCATION L0000076	VOLUME	496128.028	3759212.792	695.00
LOCATION L0000077	VOLUME	496135.123	3759207.952	695.00
LOCATION L0000078	VOLUME	496142.271	3759203.187	695.00
LOCATION L0000079	VOLUME	496149.418	3759198.422	695.00
LOCATION L0000080	VOLUME	496156.565	3759193.657	695.00
LOCATION L0000081	VOLUME	496163.713	3759188.892	695.00
LOCATION L0000082	VOLUME	496170.860	3759184.128	695.00
LOCATION L0000083	VOLUME	496177.696	3759178.946	695.00
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LOCATION L0000086	VOLUME	496197.477	3759162.429	695.00
LOCATION L0000087	VOLUME	496204.071	3759156.924	695.00
LOCATION L0000088	VOLUME	496210.664	3759151.418	695.00
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LOCATION L0000090	VOLUME	496223.852	3759140.407	695.00
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LOCATION L0000099	VOLUME	496280.386	3759087.891	695.00
LOCATION L0000100	VOLUME	496286.244	3759081.607	695.00
LOCATION L0000101	VOLUME	496292.101	3759075.324	695.01
LOCATION L0000102	VOLUME	496297.958	3759069.041	695.02
LOCATION L0000103	VOLUME	496303.941	3759062.892	695.00
LOCATION L0000104	VOLUME	496310.625	3759057.496	695.00
LOCATION L0000105	VOLUME	496317.309	3759052.100	695.00

LOCATION L0000106	VOLUME	496323.992	3759046.704	695.00
LOCATION L0000107	VOLUME	496330.676	3759041.308	695.16
LOCATION L0000108	VOLUME	496337.360	3759035.912	695.26
LOCATION L0000109	VOLUME	496344.043	3759030.516	695.29
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LOCATION L0000123	VOLUME	496433.363	3758950.280	698.85
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LOCATION L0000126	VOLUME	496452.734	3758933.284	699.60
LOCATION L0000127	VOLUME	496459.191	3758927.618	700.20
LOCATION L0000128	VOLUME	496465.648	3758921.953	700.79
LOCATION L0000129	VOLUME	496472.105	3758916.288	701.23
LOCATION L0000130	VOLUME	496478.561	3758910.622	701.52
LOCATION L0000131	VOLUME	496485.018	3758904.957	701.71
LOCATION L0000132	VOLUME	496491.475	3758899.291	701.90
LOCATION L0000133	VOLUME	496497.932	3758893.626	702.21
LOCATION L0000134	VOLUME	496504.389	3758887.961	702.60
LOCATION L0000135	VOLUME	496510.846	3758882.295	702.93
LOCATION L0000136	VOLUME	496517.303	3758876.630	703.38
LOCATION L0000137	VOLUME	496523.760	3758870.964	703.75
LOCATION L0000138	VOLUME	496530.217	3758865.299	704.07
LOCATION L0000139	VOLUME	496536.673	3758859.634	704.46
LOCATION L0000140	VOLUME	496543.130	3758853.968	704.72
LOCATION L0000141	VOLUME	496549.587	3758848.303	704.89
LOCATION L0000142	VOLUME	496556.268	3758842.938	705.02
LOCATION L0000143	VOLUME	496563.544	3758838.371	705.08
LOCATION L0000144	VOLUME	496570.819	3758833.805	705.07
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LOCATION L0000146	VOLUME	496585.370	3758824.671	704.89
LOCATION L0000147	VOLUME	496592.646	3758820.105	704.80
LOCATION L0000148	VOLUME	496599.922	3758815.538	704.71
LOCATION L0000149	VOLUME	496607.197	3758810.972	704.88
LOCATION L0000150	VOLUME	496614.473	3758806.405	705.00
LOCATION L0000151	VOLUME	496621.748	3758801.838	705.14
LOCATION L0000152	VOLUME	496629.024	3758797.272	705.30
LOCATION L0000153	VOLUME	496636.884	3758793.902	705.32
LOCATION L0000154	VOLUME	496644.959	3758790.974	705.26
LOCATION L0000155	VOLUME	496653.035	3758788.047	705.15
LOCATION L0000156	VOLUME	496661.111	3758785.119	705.00
LOCATION L0000157	VOLUME	496669.187	3758782.192	705.00
LOCATION L0000158	VOLUME	496677.262	3758779.264	705.00
LOCATION L0000159	VOLUME	496685.338	3758776.337	705.00
LOCATION L0000160	VOLUME	496693.414	3758773.409	705.18
LOCATION L0000161	VOLUME	496701.617	3758770.880	705.48
LOCATION L0000162	VOLUME	496709.891	3758768.569	705.74
LOCATION L0000163	VOLUME	496718.164	3758766.259	705.95
LOCATION L0000164	VOLUME	496726.438	3758763.948	706.00
LOCATION L0000165	VOLUME	496734.711	3758761.638	706.00
LOCATION L0000166	VOLUME	496742.984	3758759.327	706.00
LOCATION L0000167	VOLUME	496751.258	3758757.016	706.01
LOCATION L0000168	VOLUME	496759.531	3758754.706	706.09
LOCATION L0000169	VOLUME	496767.805	3758752.395	706.12
LOCATION L0000170	VOLUME	496776.078	3758750.085	706.11
LOCATION L0000171	VOLUME	496784.351	3758747.774	706.18

LOCATION L0000172	VOLUME	496792.502	3758745.075	706.40
LOCATION L0000173	VOLUME	496800.599	3758742.208	706.67
LOCATION L0000174	VOLUME	496808.696	3758739.340	706.94
LOCATION L0000175	VOLUME	496816.793	3758736.472	707.07
LOCATION L0000176	VOLUME	496824.891	3758733.604	707.20
LOCATION L0000177	VOLUME	496831.809	3758728.609	707.42
LOCATION L0000178	VOLUME	496838.533	3758723.264	707.71
LOCATION L0000179	VOLUME	496845.258	3758717.919	708.11
LOCATION L0000180	VOLUME	496851.982	3758712.574	708.31
LOCATION L0000181	VOLUME	496858.351	3758706.938	708.47
LOCATION L0000182	VOLUME	496862.248	3758699.283	708.57
LOCATION L0000183	VOLUME	496866.145	3758691.628	708.74
LOCATION L0000184	VOLUME	496870.042	3758683.973	709.05
LOCATION L0000185	VOLUME	496873.940	3758676.318	709.44
LOCATION L0000186	VOLUME	496877.837	3758668.663	709.83
LOCATION L0000187	VOLUME	496878.470	3758662.768	710.05
LOCATION L0000188	VOLUME	496869.933	3758661.819	709.80
LOCATION L0000189	VOLUME	496861.395	3758660.870	709.75
LOCATION L0000190	VOLUME	496852.858	3758659.922	709.73
LOCATION L0000191	VOLUME	496844.320	3758658.973	709.74
LOCATION L0000192	VOLUME	496835.783	3758658.025	710.70
LOCATION L0000193	VOLUME	496827.245	3758657.076	712.49
LOCATION L0000194	VOLUME	496818.708	3758656.127	714.36
LOCATION L0000195	VOLUME	496810.171	3758655.179	716.10
LOCATION L0000196	VOLUME	496801.633	3758654.230	716.19
LOCATION L0000197	VOLUME	496793.096	3758653.282	716.29
LOCATION L0000198	VOLUME	496784.558	3758652.333	716.38
LOCATION L0000199	VOLUME	496776.042	3758651.241	716.52
LOCATION L0000200	VOLUME	496767.604	3758649.633	716.75
LOCATION L0000201	VOLUME	496759.166	3758648.026	717.01
LOCATION L0000202	VOLUME	496750.727	3758646.419	717.30
LOCATION L0000203	VOLUME	496742.289	3758644.811	717.24
LOCATION L0000204	VOLUME	496733.851	3758643.204	717.18
LOCATION L0000205	VOLUME	496725.461	3758641.423	717.13
LOCATION L0000206	VOLUME	496717.410	3758638.427	717.10
LOCATION L0000207	VOLUME	496709.360	3758635.431	716.77
LOCATION L0000208	VOLUME	496701.309	3758632.436	716.38
LOCATION L0000209	VOLUME	496693.258	3758629.440	715.94
LOCATION L0000210	VOLUME	496685.771	3758625.290	716.17
LOCATION L0000211	VOLUME	496678.455	3758620.788	716.54
LOCATION L0000212	VOLUME	496671.140	3758616.286	717.07
LOCATION L0000213	VOLUME	496663.824	3758611.784	717.74
LOCATION L0000214	VOLUME	496656.508	3758607.282	718.26
LOCATION L0000215	VOLUME	496649.192	3758602.780	718.56
LOCATION L0000216	VOLUME	496641.877	3758598.278	718.86
LOCATION L0000217	VOLUME	496634.561	3758593.776	719.00

\*\* End of LINE VOLUME Source ID = SLINE1

LOCATION VOL86	VOLUME	496722.706	3759503.485	731.360
LOCATION VOL87	VOLUME	495604.912	3759622.439	698.850
LOCATION VOL88	VOLUME	495582.481	3759695.469	699.670
LOCATION VOL89	VOLUME	495527.187	3759693.904	698.820
LOCATION VOL90	VOLUME	495580.394	3759770.064	701.000
LOCATION VOL91	VOLUME	495580.394	3759843.616	702.580
LOCATION VOL92	VOLUME	495506.321	3759847.267	702.700
LOCATION VOL93	VOLUME	495432.769	3759846.224	700.830
LOCATION VOL94	VOLUME	495655.511	3759880.653	703.500
LOCATION VOL95	VOLUME	495726.455	3759903.605	704.940
LOCATION VOL96	VOLUME	495789.052	3759930.209	706.450
LOCATION VOL97	VOLUME	495858.431	3759955.248	708.120
LOCATION VOL98	VOLUME	495902.249	3759900.475	708.220
LOCATION VOL99	VOLUME	495968.498	3759864.482	708.950

\*\* Source Parameters \*\*

SRCPARAM VOL1	0.0001739423	5.000	17.270	1.400
SRCPARAM VOL2	0.0001739423	5.000	17.270	1.400
SRCPARAM VOL3	0.0001739423	5.000	17.270	1.400
SRCPARAM VOL4	0.0001739423	5.000	17.270	1.400











SRCPARAM	L0000183	0.000004528	3.49	4.00	3.25
SRCPARAM	L0000184	0.000004528	3.49	4.00	3.25
SRCPARAM	L0000185	0.000004528	3.49	4.00	3.25
SRCPARAM	L0000186	0.000004528	3.49	4.00	3.25
SRCPARAM	L0000187	0.000004528	3.49	4.00	3.25
SRCPARAM	L0000188	0.000004528	3.49	4.00	3.25
SRCPARAM	L0000189	0.000004528	3.49	4.00	3.25
SRCPARAM	L0000190	0.000004528	3.49	4.00	3.25
SRCPARAM	L0000191	0.000004528	3.49	4.00	3.25
SRCPARAM	L0000192	0.000004528	3.49	4.00	3.25
SRCPARAM	L0000193	0.000004528	3.49	4.00	3.25
SRCPARAM	L0000194	0.000004528	3.49	4.00	3.25
SRCPARAM	L0000195	0.000004528	3.49	4.00	3.25
SRCPARAM	L0000196	0.000004528	3.49	4.00	3.25
SRCPARAM	L0000197	0.000004528	3.49	4.00	3.25
SRCPARAM	L0000198	0.000004528	3.49	4.00	3.25
SRCPARAM	L0000199	0.000004528	3.49	4.00	3.25
SRCPARAM	L0000200	0.000004528	3.49	4.00	3.25
SRCPARAM	L0000201	0.000004528	3.49	4.00	3.25
SRCPARAM	L0000202	0.000004528	3.49	4.00	3.25
SRCPARAM	L0000203	0.000004528	3.49	4.00	3.25
SRCPARAM	L0000204	0.000004528	3.49	4.00	3.25
SRCPARAM	L0000205	0.000004528	3.49	4.00	3.25
SRCPARAM	L0000206	0.000004528	3.49	4.00	3.25
SRCPARAM	L0000207	0.000004528	3.49	4.00	3.25
SRCPARAM	L0000208	0.000004528	3.49	4.00	3.25
SRCPARAM	L0000209	0.000004528	3.49	4.00	3.25
SRCPARAM	L0000210	0.000004528	3.49	4.00	3.25
SRCPARAM	L0000211	0.000004528	3.49	4.00	3.25
SRCPARAM	L0000212	0.000004528	3.49	4.00	3.25
SRCPARAM	L0000213	0.000004528	3.49	4.00	3.25
SRCPARAM	L0000214	0.000004528	3.49	4.00	3.25
SRCPARAM	L0000215	0.000004528	3.49	4.00	3.25
SRCPARAM	L0000216	0.000004528	3.49	4.00	3.25
SRCPARAM	L0000217	0.000004528	3.49	4.00	3.25

\*\*

SRCPARAM	VOL86	0.0001739423	5.000	17.270	1.400
SRCPARAM	VOL87	0.0001739423	5.000	17.270	1.400
SRCPARAM	VOL88	0.0001739423	5.000	17.270	1.400
SRCPARAM	VOL89	0.0001739423	5.000	17.270	1.400
SRCPARAM	VOL90	0.0001739423	5.000	17.270	1.400
SRCPARAM	VOL91	0.0001739423	5.000	17.270	1.400
SRCPARAM	VOL92	0.0001739423	5.000	17.270	1.400
SRCPARAM	VOL93	0.0001739423	5.000	17.270	1.400
SRCPARAM	VOL94	0.0001739423	5.000	17.270	1.400
SRCPARAM	VOL95	0.0001739423	5.000	17.270	1.400
SRCPARAM	VOL96	0.0001739423	5.000	17.270	1.400
SRCPARAM	VOL97	0.0001739423	5.000	17.270	1.400
SRCPARAM	VOL98	0.0001739423	5.000	17.270	1.400
SRCPARAM	VOL99	0.0001739423	5.000	17.270	1.400
URBANSRC	ALL				

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

\*\* Variable Emission Scenario: "Scenario 1"

\*\* WeekDays:

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

\*\* Saturday:

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

\*\* Sunday:

EMISFACT	VOL1	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
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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
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

SO FINISHED

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\*\*\*\*\*

\*\* AERMOD Receptor Pathway

\*\*\*\*\*

\*\*

\*\*

RE STARTING

INCLUDED "13594 Construction.rou"

RE FINISHED

\*\*

\*\*\*\*\*

\*\* AERMOD Meteorology Pathway

\*\*\*\*\*

\*\*

\*\*

ME STARTING

SURFFILE RDL\_D\_V9\_ADJU\RDL\_D\_v9.SFC

PROFFILE RDL\_D\_V9\_ADJU\RDL\_D\_v9.PFL

SURFDATA 3171 2012

UAIRDATA 3190 2012

SITEDATA 99999 2012

PROFBASE 481.0 METERS

ME FINISHED

\*\*

\*\*\*\*\*

\*\* AERMOD Output Pathway

\*\*\*\*\*

\*\*

\*\*

OU STARTING

\*\* Auto-Generated Plotfiles

PLOTFILE PERIOD ALL "13594 CONSTRUCTION.AD\PE00GALL.PLT" 31

SUMMFILE "13594 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	4829	MEOpen: THRESH_1MIN 1-min ASOS wind speed threshold used	0.50
ME W187	4829	MEOpen: ADJ_U* Option for Stable Low Winds used in AERMET	

\*\*\*\*\*

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

\*\*\*\*\*

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\Users\Michael Tirohn\Desktop\HRAs\13594 Oak Valley\13594 Ops\1359 \*\*\* 07/17/23

\*\*\* AERMET - VERSION 16216 \*\*\*

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16:45:12

PAGE 1

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* MODEL SETUP OPTIONS SUMMARY \*\*\*

-----

\*\* Model Options Selected:

- \* Model Uses Regulatory DEFAULT Options
- \* Model Is Setup For Calculation of Average CONCentration Values.
- \* NO GAS DEPOSITION Data Provided.
- \* NO PARTICLE DEPOSITION Data Provided.
- \* Model Uses NO DRY DEPLETION. DDPLETE = F
- \* Model Uses NO WET DEPLETION. WETDPLT = F

\* Stack-tip Downwash.  
\* Model Accounts for ELEVated Terrain Effects.  
\* Use Calms Processing Routine.  
\* Use Missing Data Processing Routine.  
\* No Exponential Decay.  
\* Model Uses URBAN Dispersion Algorithm for the SBL for 316 Source(s),  
for Total of 1 Urban Area(s):  
Urban Population = 2189641.0 ; Urban Roughness Length = 1.000 m  
\* Urban Roughness Length of 1.0 Meter Used.  
\* ADJ\_U\* - Use ADJ\_U\* option for SBL in AERMET  
\* 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: 316 Source(s); 1 Source Group(s); and 122 Receptor(s)  
with: 0 POINT(s), including  
0 POINTCAP(s) and 0 POINTHOR(s)  
and: 316 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) = 481.00 ; Decay Coef. =  
0.000 ; Rot. Angle = 0.0  
Emission Units = GRAMS/SEC ; Emission Rate  
Unit Factor = 0.10000E+07  
Output Units = MICROGRAMS/M\*\*3

\*\*Approximate Storage Requirements of Model = 3.8 MB of RAM.

\*\*Input Runstream File:

aermod.inp

\*\*Output Print File:

aermod.out

\*\*Detailed Error/Message File: 13594

Construction.err

\*\*File for Summary of Results: 13594

Construction.sum

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\Users\Michael Tirohn\Desktop\HRAs\13594 Oak  
Valley\13594 Ops\1359 \*\*\* 07/17/23

\*\*\* AERMET - VERSION 16216 \*\*\*

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16:45:12





VOL50	0	0.17394E-03	496233.7	3759538.7	701.8	5.00	17.27	1.40
YES HRDOW								
VOL51	0	0.17394E-03	496234.6	3759463.6	700.5	5.00	17.27	1.40
YES HRDOW								
VOL52	0	0.17394E-03	496232.1	3759390.2	698.7	5.00	17.27	1.40
YES HRDOW								
VOL53	0	0.17394E-03	496233.7	3759316.7	699.8	5.00	17.27	1.40
YES HRDOW								
VOL54	0	0.17394E-03	496232.9	3759244.1	700.2	5.00	17.27	1.40
YES HRDOW								
VOL55	0	0.17394E-03	496233.7	3759174.7	695.0	5.00	17.27	1.40
YES HRDOW								
VOL56	0	0.17394E-03	496308.8	3759664.4	705.8	5.00	17.27	1.40
YES HRDOW								
VOL57	0	0.17394E-03	496309.6	3759589.3	705.7	5.00	17.27	1.40
YES HRDOW								
VOL58	0	0.17394E-03	496308.8	3759515.0	705.0	5.00	17.27	1.40
YES HRDOW								
VOL59	0	0.17394E-03	496306.4	3759441.6	703.4	5.00	17.27	1.40
YES HRDOW								
VOL60	0	0.17394E-03	496307.2	3759368.1	702.7	5.00	17.27	1.40
YES HRDOW								
VOL61	0	0.17394E-03	496308.0	3759293.1	705.5	5.00	17.27	1.40
YES HRDOW								
VOL62	0	0.17394E-03	496307.2	3759218.0	706.0	5.00	17.27	1.40
YES HRDOW								
VOL63	0	0.17394E-03	496308.8	3759142.9	695.7	5.00	17.27	1.40
YES HRDOW								
VOL64	0	0.17394E-03	496292.5	3759112.7	695.0	5.00	17.27	1.40
YES HRDOW								
VOL65	0	0.17394E-03	496384.7	3759653.7	709.8	5.00	17.27	1.40
YES HRDOW								
VOL66	0	0.17394E-03	496384.7	3759578.7	708.8	5.00	17.27	1.40
YES HRDOW								
VOL67	0	0.17394E-03	496383.9	3759504.4	707.2	5.00	17.27	1.40
YES HRDOW								
VOL68	0	0.17394E-03	496380.6	3759430.2	706.3	5.00	17.27	1.40
YES HRDOW								
VOL69	0	0.17394E-03	496381.4	3759356.7	705.9	5.00	17.27	1.40
YES HRDOW								
VOL70	0	0.17394E-03	496381.4	3759284.1	707.0	5.00	17.27	1.40
YES HRDOW								
VOL71	0	0.17394E-03	496382.3	3759232.7	707.0	5.00	17.27	1.40
YES HRDOW								
VOL72	0	0.17394E-03	496357.0	3759189.4	705.8	5.00	17.27	1.40
YES HRDOW								
VOL73	0	0.17394E-03	496459.8	3759622.7	712.5	5.00	17.27	1.40
YES HRDOW								
VOL74	0	0.17394E-03	496459.8	3759547.7	711.1	5.00	17.27	1.40
YES HRDOW								
VOL75	0	0.17394E-03	496458.1	3759475.0	710.0	5.00	17.27	1.40
YES HRDOW								
VOL76	0	0.17394E-03	496456.5	3759431.0	709.4	5.00	17.27	1.40
YES HRDOW								
VOL77	0	0.17394E-03	496441.0	3759357.5	706.6	5.00	17.27	1.40
YES HRDOW								
VOL78	0	0.17394E-03	496413.3	3759315.9	707.0	5.00	17.27	1.40
YES HRDOW								
VOL79	0	0.17394E-03	496400.2	3759258.0	707.0	5.00	17.27	1.40
YES HRDOW								
VOL80	0	0.17394E-03	496533.2	3759570.5	713.9	5.00	17.27	1.40
YES HRDOW								

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\Users\Michael Tirohn\Desktop\HRAs\13594 Oak Valley\13594 Ops\1359 \*\*\* 07/17/23

\*\*\* AERMET - VERSION 16216 \*\*\*







L0000044	0	0.45280E-05	495889.9	3759349.1	695.0	3.49	4.00	3.25
YES HRDOW								
L0000045	0	0.45280E-05	495897.5	3759345.0	695.0	3.49	4.00	3.25
YES HRDOW								
L0000046	0	0.45280E-05	495905.0	3759340.8	695.0	3.49	4.00	3.25
YES HRDOW								
L0000047	0	0.45280E-05	495912.6	3759336.7	694.9	3.49	4.00	3.25
YES HRDOW								
L0000048	0	0.45280E-05	495920.1	3759332.6	694.8	3.49	4.00	3.25
YES HRDOW								
L0000049	0	0.45280E-05	495927.6	3759328.5	694.8	3.49	4.00	3.25
YES HRDOW								
L0000050	0	0.45280E-05	495935.2	3759324.4	694.8	3.49	4.00	3.25
YES HRDOW								
L0000051	0	0.45280E-05	495942.7	3759320.3	694.8	3.49	4.00	3.25
YES HRDOW								
L0000052	0	0.45280E-05	495950.3	3759316.3	694.7	3.49	4.00	3.25
YES HRDOW								
L0000053	0	0.45280E-05	495958.0	3759312.5	694.4	3.49	4.00	3.25
YES HRDOW								
L0000054	0	0.45280E-05	495965.7	3759308.6	694.1	3.49	4.00	3.25
YES HRDOW								
L0000055	0	0.45280E-05	495973.4	3759304.8	694.0	3.49	4.00	3.25
YES HRDOW								
L0000056	0	0.45280E-05	495981.1	3759300.9	694.0	3.49	4.00	3.25
YES HRDOW								
L0000057	0	0.45280E-05	495988.8	3759297.1	694.0	3.49	4.00	3.25
YES HRDOW								
L0000058	0	0.45280E-05	495996.4	3759293.3	694.0	3.49	4.00	3.25
YES HRDOW								
L0000059	0	0.45280E-05	496004.1	3759289.4	694.0	3.49	4.00	3.25
YES HRDOW								
L0000060	0	0.45280E-05	496011.8	3759285.6	694.0	3.49	4.00	3.25
YES HRDOW								
L0000061	0	0.45280E-05	496019.5	3759281.7	694.1	3.49	4.00	3.25
YES HRDOW								
L0000062	0	0.45280E-05	496027.1	3759277.8	694.3	3.49	4.00	3.25
YES HRDOW								
L0000063	0	0.45280E-05	496034.6	3759273.7	694.4	3.49	4.00	3.25
YES HRDOW								
L0000064	0	0.45280E-05	496042.2	3759269.5	694.6	3.49	4.00	3.25
YES HRDOW								
L0000065	0	0.45280E-05	496049.7	3759265.4	694.7	3.49	4.00	3.25
YES HRDOW								
L0000066	0	0.45280E-05	496057.2	3759261.2	694.8	3.49	4.00	3.25
YES HRDOW								
L0000067	0	0.45280E-05	496064.8	3759257.1	695.0	3.49	4.00	3.25
YES HRDOW								
L0000068	0	0.45280E-05	496072.3	3759253.0	695.0	3.49	4.00	3.25
YES HRDOW								
L0000069	0	0.45280E-05	496079.3	3759248.1	695.0	3.49	4.00	3.25
YES HRDOW								
L0000070	0	0.45280E-05	496086.3	3759243.0	695.0	3.49	4.00	3.25
YES HRDOW								
L0000071	0	0.45280E-05	496093.2	3759238.0	695.0	3.49	4.00	3.25
YES HRDOW								
L0000072	0	0.45280E-05	496100.2	3759233.0	695.0	3.49	4.00	3.25
YES HRDOW								
L0000073	0	0.45280E-05	496107.2	3759227.9	695.0	3.49	4.00	3.25
YES HRDOW								
L0000074	0	0.45280E-05	496114.1	3759222.9	695.0	3.49	4.00	3.25
YES HRDOW								
L0000075	0	0.45280E-05	496121.1	3759217.8	695.0	3.49	4.00	3.25
YES HRDOW								









L0000179	0	0.45280E-05	496845.3	3758717.9	708.1	3.49	4.00	3.25
YES HRDOW								
L0000180	0	0.45280E-05	496852.0	3758712.6	708.3	3.49	4.00	3.25
YES HRDOW								
L0000181	0	0.45280E-05	496858.4	3758706.9	708.5	3.49	4.00	3.25
YES HRDOW								
L0000182	0	0.45280E-05	496862.2	3758699.3	708.6	3.49	4.00	3.25
YES HRDOW								
L0000183	0	0.45280E-05	496866.1	3758691.6	708.7	3.49	4.00	3.25
YES HRDOW								
L0000184	0	0.45280E-05	496870.0	3758684.0	709.0	3.49	4.00	3.25
YES HRDOW								
L0000185	0	0.45280E-05	496873.9	3758676.3	709.4	3.49	4.00	3.25
YES HRDOW								
L0000186	0	0.45280E-05	496877.8	3758668.7	709.8	3.49	4.00	3.25
YES HRDOW								
L0000187	0	0.45280E-05	496878.5	3758662.8	710.0	3.49	4.00	3.25
YES HRDOW								
L0000188	0	0.45280E-05	496869.9	3758661.8	709.8	3.49	4.00	3.25
YES HRDOW								
L0000189	0	0.45280E-05	496861.4	3758660.9	709.8	3.49	4.00	3.25
YES HRDOW								
L0000190	0	0.45280E-05	496852.9	3758659.9	709.7	3.49	4.00	3.25
YES HRDOW								
L0000191	0	0.45280E-05	496844.3	3758659.0	709.7	3.49	4.00	3.25
YES HRDOW								
L0000192	0	0.45280E-05	496835.8	3758658.0	710.7	3.49	4.00	3.25
YES HRDOW								
L0000193	0	0.45280E-05	496827.2	3758657.1	712.5	3.49	4.00	3.25
YES HRDOW								
L0000194	0	0.45280E-05	496818.7	3758656.1	714.4	3.49	4.00	3.25
YES HRDOW								
L0000195	0	0.45280E-05	496810.2	3758655.2	716.1	3.49	4.00	3.25
YES HRDOW								

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* VOLUME SOURCE DATA \*\*\*

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

L0000196	0	0.45280E-05	496801.6	3758654.2	716.2	3.49	4.00	3.25
YES HRDOW								
L0000197	0	0.45280E-05	496793.1	3758653.3	716.3	3.49	4.00	3.25
YES HRDOW								
L0000198	0	0.45280E-05	496784.6	3758652.3	716.4	3.49	4.00	3.25
YES HRDOW								
L0000199	0	0.45280E-05	496776.0	3758651.2	716.5	3.49	4.00	3.25
YES HRDOW								
L0000200	0	0.45280E-05	496767.6	3758649.6	716.8	3.49	4.00	3.25
YES HRDOW								
L0000201	0	0.45280E-05	496759.2	3758648.0	717.0	3.49	4.00	3.25
YES HRDOW								

L0000202	0	0.45280E-05	496750.7	3758646.4	717.3	3.49	4.00	3.25
YES HRDOW								
L0000203	0	0.45280E-05	496742.3	3758644.8	717.2	3.49	4.00	3.25
YES HRDOW								
L0000204	0	0.45280E-05	496733.9	3758643.2	717.2	3.49	4.00	3.25
YES HRDOW								
L0000205	0	0.45280E-05	496725.5	3758641.4	717.1	3.49	4.00	3.25
YES HRDOW								
L0000206	0	0.45280E-05	496717.4	3758638.4	717.1	3.49	4.00	3.25
YES HRDOW								
L0000207	0	0.45280E-05	496709.4	3758635.4	716.8	3.49	4.00	3.25
YES HRDOW								
L0000208	0	0.45280E-05	496701.3	3758632.4	716.4	3.49	4.00	3.25
YES HRDOW								
L0000209	0	0.45280E-05	496693.3	3758629.4	715.9	3.49	4.00	3.25
YES HRDOW								
L0000210	0	0.45280E-05	496685.8	3758625.3	716.2	3.49	4.00	3.25
YES HRDOW								
L0000211	0	0.45280E-05	496678.5	3758620.8	716.5	3.49	4.00	3.25
YES HRDOW								
L0000212	0	0.45280E-05	496671.1	3758616.3	717.1	3.49	4.00	3.25
YES HRDOW								
L0000213	0	0.45280E-05	496663.8	3758611.8	717.7	3.49	4.00	3.25
YES HRDOW								
L0000214	0	0.45280E-05	496656.5	3758607.3	718.3	3.49	4.00	3.25
YES HRDOW								
L0000215	0	0.45280E-05	496649.2	3758602.8	718.6	3.49	4.00	3.25
YES HRDOW								
L0000216	0	0.45280E-05	496641.9	3758598.3	718.9	3.49	4.00	3.25
YES HRDOW								
L0000217	0	0.45280E-05	496634.6	3758593.8	719.0	3.49	4.00	3.25
YES HRDOW								
VOL86	0	0.17394E-03	496722.7	3759503.5	731.4	5.00	17.27	1.40
YES HRDOW								
VOL87	0	0.17394E-03	495604.9	3759622.4	698.8	5.00	17.27	1.40
YES HRDOW								
VOL88	0	0.17394E-03	495582.5	3759695.5	699.7	5.00	17.27	1.40
YES HRDOW								
VOL89	0	0.17394E-03	495527.2	3759693.9	698.8	5.00	17.27	1.40
YES HRDOW								
VOL90	0	0.17394E-03	495580.4	3759770.1	701.0	5.00	17.27	1.40
YES HRDOW								
VOL91	0	0.17394E-03	495580.4	3759843.6	702.6	5.00	17.27	1.40
YES HRDOW								
VOL92	0	0.17394E-03	495506.3	3759847.3	702.7	5.00	17.27	1.40
YES HRDOW								
VOL93	0	0.17394E-03	495432.8	3759846.2	700.8	5.00	17.27	1.40
YES HRDOW								
VOL94	0	0.17394E-03	495655.5	3759880.7	703.5	5.00	17.27	1.40
YES HRDOW								
VOL95	0	0.17394E-03	495726.5	3759903.6	704.9	5.00	17.27	1.40
YES HRDOW								
VOL96	0	0.17394E-03	495789.1	3759930.2	706.4	5.00	17.27	1.40
YES HRDOW								
VOL97	0	0.17394E-03	495858.4	3759955.2	708.1	5.00	17.27	1.40
YES HRDOW								
VOL98	0	0.17394E-03	495902.2	3759900.5	708.2	5.00	17.27	1.40
YES HRDOW								
VOL99	0	0.17394E-03	495968.5	3759864.5	708.9	5.00	17.27	1.40
YES HRDOW								

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\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

SRCGROUP ID	SOURCE IDs						
-----	-----						
ALL	VOL1	, VOL2	, VOL3	, VOL4	, VOL5	, VOL6	,
VOL7	, VOL8	,					
	VOL9	, VOL10	, VOL11	, VOL12	, VOL13	, VOL14	,
	VOL15	, VOL16	,				
	VOL17	, VOL18	, VOL19	, VOL20	, VOL21	, VOL22	,
	VOL23	, VOL24	,				
	VOL25	, VOL26	, VOL27	, VOL28	, VOL29	, VOL30	,
	VOL31	, VOL32	,				
	VOL33	, VOL34	, VOL35	, VOL36	, VOL37	, VOL38	,
	VOL39	, VOL40	,				
	VOL41	, VOL42	, VOL43	, VOL44	, VOL45	, VOL46	,
	VOL47	, VOL48	,				
	VOL49	, VOL50	, VOL51	, VOL52	, VOL53	, VOL54	,
	VOL55	, VOL56	,				
	VOL57	, VOL58	, VOL59	, VOL60	, VOL61	, VOL62	,
	VOL63	, VOL64	,				
	VOL65	, VOL66	, VOL67	, VOL68	, VOL69	, VOL70	,
	VOL71	, VOL72	,				
	VOL73	, VOL74	, VOL75	, VOL76	, VOL77	, VOL78	,
	VOL79	, VOL80	,				
	VOL81	, VOL82	, VOL83	, VOL84	, VOL85	, L0000001	,
	L0000002	, L0000003	,				
	L0000004	, L0000005	, L0000006	, L0000007	, L0000008	, L0000009	,
	L0000010	, L0000011	,				
	L0000012	, L0000013	, L0000014	, L0000015	, L0000016	, L0000017	,
	L0000018	, L0000019	,				
	L0000020	, L0000021	, L0000022	, L0000023	, L0000024	, L0000025	,
	L0000026	, L0000027	,				
	L0000028	, L0000029	, L0000030	, L0000031	, L0000032	, L0000033	,
	L0000034	, L0000035	,				
	L0000036	, L0000037	, L0000038	, L0000039	, L0000040	, L0000041	,
	L0000042	, L0000043	,				
	L0000044	, L0000045	, L0000046	, L0000047	, L0000048	, L0000049	,
	L0000050	, L0000051	,				
	L0000052	, L0000053	, L0000054	, L0000055	, L0000056	, L0000057	,
	L0000058	, L0000059	,				
	L0000060	, L0000061	, L0000062	, L0000063	, L0000064	, L0000065	,
	L0000066	, L0000067	,				

L0000068 , L0000069 , L0000070 , L0000071 , L0000072 , L0000073 ,  
L0000074 , L0000075 ,

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

SRCGROUP ID  
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SOURCE IDs  
-----

L0000076 , L0000077 , L0000078 , L0000079 , L0000080 , L0000081 ,  
L0000082 , L0000083 ,

L0000084 , L0000085 , L0000086 , L0000087 , L0000088 , L0000089 ,  
L0000090 , L0000091 ,

L0000092 , L0000093 , L0000094 , L0000095 , L0000096 , L0000097 ,  
L0000098 , L0000099 ,

L0000100 , L0000101 , L0000102 , L0000103 , L0000104 , L0000105 ,  
L0000106 , L0000107 ,

L0000108 , L0000109 , L0000110 , L0000111 , L0000112 , L0000113 ,  
L0000114 , L0000115 ,

L0000116 , L0000117 , L0000118 , L0000119 , L0000120 , L0000121 ,  
L0000122 , L0000123 ,

L0000124 , L0000125 , L0000126 , L0000127 , L0000128 , L0000129 ,  
L0000130 , L0000131 ,

L0000132 , L0000133 , L0000134 , L0000135 , L0000136 , L0000137 ,  
L0000138 , L0000139 ,

L0000140 , L0000141 , L0000142 , L0000143 , L0000144 , L0000145 ,  
L0000146 , L0000147 ,

L0000148 , L0000149 , L0000150 , L0000151 , L0000152 , L0000153 ,  
L0000154 , L0000155 ,

L0000156 , L0000157 , L0000158 , L0000159 , L0000160 , L0000161 ,  
L0000162 , L0000163 ,

L0000164 , L0000165 , L0000166 , L0000167 , L0000168 , L0000169 ,  
L0000170 , L0000171 ,

L0000172 , L0000173 , L0000174 , L0000175 , L0000176 , L0000177 ,  
L0000178 , L0000179 ,

L0000180 , L0000181 , L0000182 , L0000183 , L0000184 , L0000185 ,  
L0000186 , L0000187 ,

L0000188 , L0000189 , L0000190 , L0000191 , L0000192 , L0000193 ,  
L0000194 , L0000195 ,

L0000196 , L0000197 , L0000198 , L0000199 , L0000200 , L0000201 ,  
L0000202 , L0000203 ,

L0000204 , L0000205 , L0000206 , L0000207 , L0000208 , L0000209 ,

L0000210 , L0000211 ,  
 L0000212 , L0000213 , L0000214 , L0000215 , L0000216 , L0000217 ,  
 VOL86 , VOL87 ,  
 VOL88 , VOL89 , VOL90 , VOL91 , VOL92 , VOL93 ,  
 VOL94 , VOL95 ,  
 VOL96 , VOL97 , VOL98 , VOL99 ,

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

URBAN ID	URBAN POP	SOURCE IDs					
-----	-----	-----	-----	-----	-----	-----	-----
VOL8	2189641. VOL6	VOL1 , VOL7	, VOL2 ,	, VOL3 ,	, VOL4 ,	, VOL5 ,	,
	VOL9	, VOL10	, VOL11	, VOL12	, VOL13	, VOL14	,
	VOL15	, VOL16	,				
	VOL17	, VOL18	, VOL19	, VOL20	, VOL21	, VOL22	,
	VOL23	, VOL24	,				
	VOL25	, VOL26	, VOL27	, VOL28	, VOL29	, VOL30	,
	VOL31	, VOL32	,				
	VOL33	, VOL34	, VOL35	, VOL36	, VOL37	, VOL38	,
	VOL39	, VOL40	,				
	VOL41	, VOL42	, VOL43	, VOL44	, VOL45	, VOL46	,
	VOL47	, VOL48	,				
	VOL49	, VOL50	, VOL51	, VOL52	, VOL53	, VOL54	,
	VOL55	, VOL56	,				
	VOL57	, VOL58	, VOL59	, VOL60	, VOL61	, VOL62	,
	VOL63	, VOL64	,				
	VOL65	, VOL66	, VOL67	, VOL68	, VOL69	, VOL70	,
	VOL71	, VOL72	,				
	VOL73	, VOL74	, VOL75	, VOL76	, VOL77	, VOL78	,
	VOL79	, VOL80	,				
	VOL81	, VOL82	, VOL83	, VOL84	, VOL85	, L0000001	,
	L0000002	, L0000003	,				
	L0000004	, L0000005	, L0000006	, L0000007	, L0000008	, L0000009	,
	L0000010	, L0000011	,				
	L0000012	, L0000013	, L0000014	, L0000015	, L0000016	, L0000017	,
	L0000018	, L0000019	,				
	L0000020	, L0000021	, L0000022	, L0000023	, L0000024	, L0000025	,
	L0000026	, L0000027	,				

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L0000028 , L0000029 , L0000030 , L0000031 , L0000032 , L0000033 ,
L0000034 , L0000035 ,

L0000036 , L0000037 , L0000038 , L0000039 , L0000040 , L0000041 ,
L0000042 , L0000043 ,

L0000044 , L0000045 , L0000046 , L0000047 , L0000048 , L0000049 ,
L0000050 , L0000051 ,

L0000052 , L0000053 , L0000054 , L0000055 , L0000056 , L0000057 ,
L0000058 , L0000059 ,

L0000060 , L0000061 , L0000062 , L0000063 , L0000064 , L0000065 ,
L0000066 , L0000067 ,

L0000068 , L0000069 , L0000070 , L0000071 , L0000072 , L0000073 ,
L0000074 , L0000075 ,

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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URBAN ID	URBAN POP	SOURCE IDs					
-----	-----	-----	-----	-----	-----	-----	-----
L0000076	L0000077	L0000078	L0000079	L0000080	L0000081		
L0000082	L0000083						
L0000084	L0000085	L0000086	L0000087	L0000088	L0000089		
L0000090	L0000091						
L0000092	L0000093	L0000094	L0000095	L0000096	L0000097		
L0000098	L0000099						
L0000100	L0000101	L0000102	L0000103	L0000104	L0000105		
L0000106	L0000107						
L0000108	L0000109	L0000110	L0000111	L0000112	L0000113		
L0000114	L0000115						
L0000116	L0000117	L0000118	L0000119	L0000120	L0000121		
L0000122	L0000123						
L0000124	L0000125	L0000126	L0000127	L0000128	L0000129		
L0000130	L0000131						
L0000132	L0000133	L0000134	L0000135	L0000136	L0000137		
L0000138	L0000139						
L0000140	L0000141	L0000142	L0000143	L0000144	L0000145		
L0000146	L0000147						
L0000148	L0000149	L0000150	L0000151	L0000152	L0000153		
L0000154	L0000155						
L0000156	L0000157	L0000158	L0000159	L0000160	L0000161		
L0000162	L0000163						

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L0000164 , L0000165 , L0000166 , L0000167 , L0000168 , L0000169 ,
L0000170 , L0000171 ,

L0000172 , L0000173 , L0000174 , L0000175 , L0000176 , L0000177 ,
L0000178 , L0000179 ,

L0000180 , L0000181 , L0000182 , L0000183 , L0000184 , L0000185 ,
L0000186 , L0000187 ,

L0000188 , L0000189 , L0000190 , L0000191 , L0000192 , L0000193 ,
L0000194 , L0000195 ,

L0000196 , L0000197 , L0000198 , L0000199 , L0000200 , L0000201 ,
L0000202 , L0000203 ,

L0000204 , L0000205 , L0000206 , L0000207 , L0000208 , L0000209 ,
L0000210 , L0000211 ,

L0000212 , L0000213 , L0000214 , L0000215 , L0000216 , L0000217 ,
VOL86 , VOL87 ,

VOL88 , VOL89 , VOL90 , VOL91 , VOL92 , VOL93 ,
VOL94 , VOL95 ,

VOL96 , VOL97 , VOL98 , VOL99 ,

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

SOURCE ID = VOL1 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

SOURCE ID = 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

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\Users\Michael Tirohn\Desktop\HRAs\13594 Oak
Valley\13594 Ops\1359 \*\*\* 07/17/23

\*\*\* AERMET - VERSION 16216 \*\*\*

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16:45:12

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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Valley\13594 Ops\1359 \*\*\* 07/17/23  
\*\*\* AERMET - VERSION 16216 \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Valley\13594 Ops\1359 \*\*\* 07/17/23  
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\*\*\* \*\* 16:45:12

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

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

DAY OF WEEK = SUNDAY

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

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

DAY OF WEEK = WEEKDAY



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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Valley\13594 Ops\1359 \*\*\* 07/17/23

\*\*\* AERMET - VERSION 16216 \*\*\*

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

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

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

-----

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

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

(HRDOW) \*

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\Users\Michael Tirohn\Desktop\HRAs\13594 Oak
Valley\13594 Ops\1359 \*\*\* 07/17/23
\*\*\* AERMET - VERSION 16216 \*\*\*
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

\*\*\* 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

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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\*\*\* AERMET - VERSION 16216 \*\*\*  
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\*\*\* 16:45:12

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

DAY OF WEEK = WEEKDAY

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

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Valley\13594 Ops\1359 \*\*\* 07/17/23

\*\*\* AERMET - VERSION 16216 \*\*\*

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

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DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

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

SOURCE ID = 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

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+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 = VOL19 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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



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

DAY OF WEEK = SUNDAY

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

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

DAY OF WEEK = WEEKDAY

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

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

-----

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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 Valley\13594 Ops\1359 \*\*\* 07/17/23

\*\*\* AERMET - VERSION 16216 \*\*\*

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

DAY OF WEEK = WEEKDAY

Table with 12 columns (1-12) and 6 rows of scalar values for Weekday. Values range from .0000E+00 to .1000E+01.

DAY OF WEEK = SATURDAY

Table with 12 columns (1-12) and 6 rows of scalar values for Saturday. All values are .0000E+00.

DAY OF WEEK = SUNDAY

Table with 12 columns (1-12) and 6 rows of scalar values for Sunday. All values are .0000E+00.

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\*\*\* AERMET - VERSION 16216 \*\*\*
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

DAY OF WEEK = WEEKDAY

Table with 12 columns (1-12) and 6 rows of scalar values for Weekday. Values range from .0000E+00 to .1000E+01.

DAY OF WEEK = SATURDAY

Table with 12 columns (1-12) and 6 rows of scalar values for Saturday. All values are .0000E+00.

DAY OF WEEK = SUNDAY

Table with 12 columns (1-12) and 1 row of scalar values for Sunday. All values are .0000E+00.

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

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Valley\13594 Ops\1359 \*\*\* 07/17/23  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

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Valley\13594 Ops\1359 \*\*\* 07/17/23  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

SOURCE ID = VOL35 ; SOURCE TYPE = VOLUME :  
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
 SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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



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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

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

SOURCE ID = VOL36 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

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

DAY OF WEEK = SUNDAY

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

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

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DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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16:45:12

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

-----

DAY OF WEEK = WEEKDAY

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

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\Users\Michael Tirohn\Desktop\HRAs\13594 Oak  
Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

-----

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDFault CONC ELEV URBAN ADJ\_U\*

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

SOURCE ID = VOL42 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\Users\Michael Tirohn\Desktop\HRAs\13594 Oak  
Valley\13594 Ops\1359 \*\*\* 07/17/23  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\Users\Michael Tirohn\Desktop\HRAs\13594 Oak  
Valley\13594 Ops\1359 \*\*\* 07/17/23  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

DAY OF WEEK = SUNDAY

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

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

SOURCE ID = VOL47 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\Users\Michael Tirohn\Desktop\HRAs\13594 Oak  
Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

SOURCE ID = VOL48 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

SOURCE ID = VOL49 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

-----  
-----

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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



SOURCE ID = VOL50 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

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Valley\13594 Ops\1359 \*\*\* 07/17/23

\*\*\* 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

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Valley\13594 Ops\1359 \*\*\* 07/17/23

\*\*\* 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

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

SOURCE ID = VOL54 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

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DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* 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 HOUR SCALAR

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DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Valley\13594 Ops\1359 \*\*\* 07/17/23
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

SOURCE ID = VOL56 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Valley\13594 Ops\1359 \*\*\* 07/17/23
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

SOURCE ID = VOL57 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

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 Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

.0000E+00 23 .0000E+00 24 .0000E+00  
\*\*\* AERMOD - VERSION 22112 \*\*\* C:\Users\Michael Tirohn\Desktop\HRAs\13594 Oak  
Valley\13594 Ops\1359 \*\*\* 07/17/23  
\*\*\* AERMET - VERSION 16216 \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

SOURCE ID = VOL61 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Valley\13594 Ops\1359 \*\*\* 07/17/23  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

SOURCE ID = VOL62 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

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

DAY OF WEEK = SUNDAY

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

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\Users\Michael Tirohn\Desktop\HRAs\13594 Oak  
Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

SOURCE ID = VOL63 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

SOURCE ID = VOL66 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Valley\13594 Ops\1359 \*\*\* 07/17/23  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

SOURCE ID = VOL67 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Valley\13594 Ops\1359 \*\*\* 07/17/23  
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\*\*\* 16:45:12

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* 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 HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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16:45:12

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* 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 HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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Valley\13594 Ops\1359 \*\*\* 07/17/23  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\Users\Michael Tirohn\Desktop\HRAs\13594 Oak  
Valley\13594 Ops\1359 \*\*\* 07/17/23  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

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Valley\13594 Ops\1359 \*\*\* 07/17/23

\*\*\* AERMET - VERSION 16216 \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

SOURCE ID = 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  
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* 16:45:12

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* 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

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

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

SOURCE ID = 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

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

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

(HRDOW) \*

SOURCE ID = 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

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\*\*\* 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

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* 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

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* 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

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\*\*\* 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

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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 HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

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

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

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

SOURCE ID = VOL81 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

-----

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

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

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

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

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

SOURCE ID = 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						

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

SOURCE ID = VOL84 ; SOURCE TYPE = VOLUME :

Hourly emission rate scalars for source VOL84, showing columns for HOUR and SCALAR for each day of the week.

DAY OF WEEK = WEEKDAY

Weekday emission rate scalars for source VOL84, with values ranging from 0.0000E+00 to 0.1000E+01.

DAY OF WEEK = SATURDAY

Saturday emission rate scalars for source VOL84, with values ranging from 0.0000E+00 to 0.0000E+00.

DAY OF WEEK = SUNDAY

Sunday emission rate scalars for source VOL84, with values ranging from 0.0000E+00 to 0.0000E+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 = VOL85 ; SOURCE TYPE = VOLUME :

Hourly emission rate scalars for source VOL85, showing columns for HOUR and SCALAR for each day of the week.

DAY OF WEEK = WEEKDAY

Weekday emission rate scalars for source VOL85, with values ranging from 0.0000E+00 to 0.1000E+01.

DAY OF WEEK = SATURDAY

Saturday emission rate scalars for source VOL85, with values ranging from 0.0000E+00 to 0.0000E+00.

DAY OF WEEK = SUNDAY

Sunday emission rate scalars for source VOL85, with values ranging from 0.0000E+00 to 0.0000E+00.

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

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

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

DAY OF WEEK = SUNDAY

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

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

DAY OF WEEK = WEEKDAY

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

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

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

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

-----

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

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

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

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

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

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

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

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

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

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

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

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6

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

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Valley\13594 Ops\1359 \*\*\* 07/17/23  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\Users\Michael Tirohn\Desktop\HRAs\13594 Oak  
Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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 Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

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

DAY OF WEEK = SUNDAY

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

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Valley\13594 Ops\1359 \*\*\* 07/17/23

\*\*\* AERMET - VERSION 16216 \*\*\*

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

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DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\Users\Michael Tirohn\Desktop\HRAs\13594 Oak  
Valley\13594 Ops\1359 \*\*\* 07/17/23

\*\*\* AERMET - VERSION 16216 \*\*\*

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

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DAY OF WEEK = WEEKDAY

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

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

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DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Valley\13594 Ops\1359 \*\*\* 07/17/23

\*\*\* AERMET - VERSION 16216 \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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



SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\Users\Michael Tirohn\Desktop\HRAs\13594 Oak
Valley\13594 Ops\1359 \*\*\* 07/17/23
\*\*\* AERMET - VERSION 16216 \*\*\*
\*\*\* 16:45:12

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\Users\Michael Tirohn\Desktop\HRAs\13594 Oak
Valley\13594 Ops\1359 \*\*\* 07/17/23
\*\*\* AERMET - VERSION 16216 \*\*\*
\*\*\* 16:45:12

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\Users\Michael Tirohn\Desktop\HRAs\13594 Oak Valley\13594 Ops\1359 \*\*\* 07/17/23

\*\*\* AERMET - VERSION 16216 \*\*\*

\*\*\* 16:45:12

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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Valley\13594 Ops\1359 \*\*\* 07/17/23  
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\*\*\* 16:45:12

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

SOURCE ID = L0000026 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Valley\13594 Ops\1359 \*\*\* 07/17/23  
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\*\*\* 16:45:12

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

SOURCE ID = L0000027 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

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

DAY OF WEEK = SUNDAY

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

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

DAY OF WEEK = WEEKDAY

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

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

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

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

-----  
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DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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\*\*\* AERMET - VERSION 16216 \*\*\*

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Valley\13594 Ops\1359 \*\*\* 07/17/23

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Valley\13594 Ops\1359 \*\*\* 07/17/23

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

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DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

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DAY OF WEEK = WEEKDAY

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



DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Valley\13594 Ops\1359 \*\*\* 07/17/23
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Valley\13594 Ops\1359 \*\*\* 07/17/23
\*\*\* AERMET - VERSION 16216 \*\*\*
\*\*\* 16:45:12

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

SOURCE ID = L0000038 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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 Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

.0000E+00 23 .0000E+00 24 .0000E+00  
\*\*\* AERMOD - VERSION 22112 \*\*\* C:\Users\Michael Tirohn\Desktop\HRAs\13594 Oak  
Valley\13594 Ops\1359 \*\*\* 07/17/23  
\*\*\* AERMET - VERSION 16216 \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Valley\13594 Ops\1359 \*\*\* 07/17/23  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

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

DAY OF WEEK = SUNDAY

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

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

DAY OF WEEK = WEEKDAY

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

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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16:45:12

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

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DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Valley\13594 Ops\1359 \*\*\* 07/17/23

\*\*\* AERMET - VERSION 16216 \*\*\*

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16:45:12

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

SOURCE ID = L0000047 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Valley\13594 Ops\1359 \*\*\* 07/17/23  
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\*\*\* 16:45:12

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Valley\13594 Ops\1359 \*\*\* 07/17/23  
\*\*\* AERMET - VERSION 16216 \*\*\*  
\*\*\* 16:45:12

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

SOURCE ID = L0000049 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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16:45:12

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

SOURCE ID = L0000050 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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



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

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Valley\13594 Ops\1359 \*\*\* 07/17/23  
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\*\*\* \*\* 16:45:12

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Valley\13594 Ops\1359 \*\*\* 07/17/23  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

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

DAY OF WEEK = SUNDAY

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

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

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

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

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DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

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

(HRDOW) \*

SOURCE ID = L0000056 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

-----

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

-----

DAY OF WEEK = WEEKDAY

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

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) \*

SOURCE ID = L0000062 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR
SCALAR HR SCALAR HR SCALAR HR

-----

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
	.0000E+00	15	.0000E+00	16	.0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) \*

SOURCE ID = L0000062 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR
SCALAR HR SCALAR HR SCALAR HR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
	.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
	.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
	.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000064											
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	
SCALAR	HOUR	SCALAR	HOUR	SCALAR							

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
	.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
	.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
	.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000065 ; SOURCE TYPE = VOLUME :

Hourly scalar values for Weekday, Saturday, and Sunday.

DAY OF WEEK = WEEKDAY

Hourly scalar values for Weekday (Days 1-7).

DAY OF WEEK = SATURDAY

Hourly scalar values for Saturday (Days 1-7).

DAY OF WEEK = SUNDAY

Hourly scalar values for Sunday (Days 1-7).

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000066 ; SOURCE TYPE = VOLUME :

Hourly scalar values for Weekday, Saturday, and Sunday.

DAY OF WEEK = WEEKDAY

Hourly scalar values for Weekday (Days 1-7).

DAY OF WEEK = SATURDAY

Hourly scalar values for Saturday (Days 1-7).

DAY OF WEEK = SUNDAY

Hourly scalar values for Sunday (Days 1-7).

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000067 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000068 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14

.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000069 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000070 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\Users\Michael Tirohn\Desktop\HRAs\13594 Oak  
Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000071 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

-----

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\Users\Michael Tirohn\Desktop\HRAs\13594 Oak  
Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000072 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000073 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23

\*\*\* AERMET - VERSION 16216 \*\*\*

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000074 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23

\*\*\* AERMET - VERSION 16216 \*\*\*
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000075 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6

.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\Users\Michael Tirohn\Desktop\HRAs\13594 Oak  
Valley\13594 Ops\1359 \*\*\* 07/17/23  
\*\*\* AERMET - VERSION 16216 \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000076 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\Users\Michael Tirohn\Desktop\HRAs\13594 Oak  
Valley\13594 Ops\1359 \*\*\* 07/17/23  
\*\*\* AERMET - VERSION 16216 \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000077 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\Users\Michael Tirohn\Desktop\HRAs\13594 Oak  
Valley\13594 Ops\1359 \*\*\* 07/17/23

\*\*\* AERMET - VERSION 16216 \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000078 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

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DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\Users\Michael Tirohn\Desktop\HRAs\13594 Oak  
Valley\13594 Ops\1359 \*\*\* 07/17/23

\*\*\* AERMET - VERSION 16216 \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000079 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

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DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\Users\Michael Tirohn\Desktop\HRAs\13594 Oak
Valley\13594 Ops\1359 \*\*\* 07/17/23

\*\*\* AERMET - VERSION 16216 \*\*\*
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\*\*\* 16:45:12

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) \*

SOURCE ID = L0000080 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\Users\Michael Tirohn\Desktop\HRAs\13594 Oak
Valley\13594 Ops\1359 \*\*\* 07/17/23

\*\*\* AERMET - VERSION 16216 \*\*\*
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000081 ; SOURCE TYPE = VOLUME :  
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
 SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
 .0000E+00 7 .0000E+00 8 .0000E+00  
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
 .1000E+01 15 .1000E+01 16 .1000E+01  
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
 .0000E+00 7 .0000E+00 8 .0000E+00  
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
 .0000E+00 15 .0000E+00 16 .0000E+00  
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
 .0000E+00 7 .0000E+00 8 .0000E+00  
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
 .0000E+00 15 .0000E+00 16 .0000E+00  
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
 .0000E+00 23 .0000E+00 24 .0000E+00

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\Users\Michael Tirohn\Desktop\HRAs\13594 Oak  
 Valley\13594 Ops\1359 \*\*\* 07/17/23

\*\*\* AERMET - VERSION 16216 \*\*\*

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000082 ; SOURCE TYPE = VOLUME :  
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
 SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
 .0000E+00 7 .0000E+00 8 .0000E+00  
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
 .1000E+01 15 .1000E+01 16 .1000E+01  
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
 .0000E+00 7 .0000E+00 8 .0000E+00  
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
 .0000E+00 15 .0000E+00 16 .0000E+00  
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
 .0000E+00 7 .0000E+00 8 .0000E+00  
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
 .0000E+00 15 .0000E+00 16 .0000E+00  
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
 .0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000083 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+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 = L0000084 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00

.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23

\*\*\* AERMET - VERSION 16216 \*\*\*

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000085 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

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DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23

\*\*\* AERMET - VERSION 16216 \*\*\*

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000086 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

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DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000087 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

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DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000088 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR

SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) \*

SOURCE ID = L0000089 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\Users\Michael Tirohn\Desktop\HRAs\13594 Oak
Valley\13594 Ops\1359 \*\*\* 07/17/23

\*\*\* AERMET - VERSION 16216 \*\*\*

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000090 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\Users\Michael Tirohn\Desktop\HRAs\13594 Oak Valley\13594 Ops\1359 \*\*\* 07/17/23

\*\*\* AERMET - VERSION 16216 \*\*\*

\*\*\* 16:45:12

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000091 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14

.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23  
\*\*\* AERMET - VERSION 16216 \*\*\*  
\*\*\* 16:45:12

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000092 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\Users\Michael Tirohn\Desktop\HRAs\13594 Oak  
Valley\13594 Ops\1359 \*\*\* 07/17/23  
\*\*\* AERMET - VERSION 16216 \*\*\*  
\*\*\* 16:45:12

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000093 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00



9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000094 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000095 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6

.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000096 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

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DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000097 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000098 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000099 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000100 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+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 = L0000101 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

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DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000102 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

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DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23
\*\*\* AERMET - VERSION 16216 \*\*\*
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) \*

SOURCE ID = L0000103 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23
\*\*\* AERMET - VERSION 16216 \*\*\*
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) \*

SOURCE ID = L0000104 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) \*

SOURCE ID = L0000105 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000106 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* 16:45:12

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000107 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00



.0000E+00 23 .0000E+00 24 .0000E+00  
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Valley\13594 Ops\1359 \*\*\* 07/17/23  
\*\*\* AERMET - VERSION 16216 \*\*\*  
\*\*\* 16:45:12

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000108 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23  
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\*\*\* 16:45:12

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000109 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000110 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000111 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14

.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000112 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* 16:45:12

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000113 ; SOURCE TYPE = VOLUME :

HR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR SCALAR SCALAR SCALAR SCALAR SCALAR SCALAR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\Users\Michael Tirohn\Desktop\HRAs\13594 Oak  
Valley\13594 Ops\1359 \*\*\* 07/17/23  
\*\*\* AERMET - VERSION 16216 \*\*\*  
\*\*\* 16:45:12

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000114 ; SOURCE TYPE = VOLUME :  
HR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR SCALAR SCALAR SCALAR SCALAR SCALAR SCALAR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23  
\*\*\* AERMET - VERSION 16216 \*\*\*  
\*\*\* 16:45:12

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000115 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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16:45:12

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000116 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23  
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\*\*\* \*\* 16:45:12

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000117 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23  
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\*\*\* \*\* 16:45:12

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000118 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6

.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000119 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000120 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000121 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK



(HRDOW) \*

SOURCE ID = L0000122 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000122 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000124 ; SOURCE TYPE = VOLUME :

Hourly scalar emission rates for source L0000124, showing columns for HOUR and SCALAR for WEEKDAY, SATURDAY, and SUNDAY.

DAY OF WEEK = WEEKDAY

Hourly scalar emission rates for Weekdays (Days 1-24).

DAY OF WEEK = SATURDAY

Hourly scalar emission rates for Saturdays (Days 1-24).

DAY OF WEEK = SUNDAY

Hourly scalar emission rates for Sundays (Days 1-24).

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000125 ; SOURCE TYPE = VOLUME :

Hourly scalar emission rates for source L0000125, showing columns for HOUR and SCALAR for WEEKDAY, SATURDAY, and SUNDAY.

DAY OF WEEK = WEEKDAY

Hourly scalar emission rates for Weekdays (Days 1-24).

DAY OF WEEK = SATURDAY

Hourly scalar emission rates for Saturdays (Days 1-24).

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000126 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000127 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00

.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\Users\Michael Tirohn\Desktop\HRAs\13594 Oak
Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) \*

SOURCE ID = L0000128 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) \*

SOURCE ID = L0000128 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) \*

SOURCE ID = L0000130 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000131 ; SOURCE TYPE = VOLUME :

Hourly scalar values for Weekday, Saturday, and Sunday.

DAY OF WEEK = WEEKDAY

Hourly scalar values for Weekday (Days 1-7).

DAY OF WEEK = SATURDAY

Hourly scalar values for Saturday (Days 8-14).

DAY OF WEEK = SUNDAY

Hourly scalar values for Sunday (Days 15-21).

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000132 ; SOURCE TYPE = VOLUME :

Hourly scalar values for Weekday, Saturday, and Sunday.

DAY OF WEEK = WEEKDAY

Hourly scalar values for Weekday (Days 1-7).

DAY OF WEEK = SATURDAY

Hourly scalar values for Saturday (Days 8-14).

DAY OF WEEK = SUNDAY

Hourly scalar values for Sunday (Days 15-21).

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000133 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000134 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14

.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000135 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000136 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00



9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000137 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

-----

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000138 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* AERMET - VERSION 16216 \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000138 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23

\*\*\* AERMET - VERSION 16216 \*\*\*

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000140 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* AERMET - VERSION 16216 \*\*\*
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000141 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6

.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23  
\*\*\* AERMET - VERSION 16216 \*\*\*  
\*\*\* 16:45:12

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000142 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\Users\Michael Tirohn\Desktop\HRAs\13594 Oak  
Valley\13594 Ops\1359 \*\*\* 07/17/23  
\*\*\* AERMET - VERSION 16216 \*\*\*  
\*\*\* 16:45:12

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000143 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* 16:45:12

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000144 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

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DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* 16:45:12

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000145 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

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DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* 16:45:12

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) \*

SOURCE ID = L0000146 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* 16:45:12

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000147 ; SOURCE TYPE = VOLUME :  
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
 SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
 .0000E+00 7 .0000E+00 8 .0000E+00  
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
 .1000E+01 15 .1000E+01 16 .1000E+01  
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
 .0000E+00 7 .0000E+00 8 .0000E+00  
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
 .0000E+00 15 .0000E+00 16 .0000E+00  
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
 .0000E+00 7 .0000E+00 8 .0000E+00  
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
 .0000E+00 15 .0000E+00 16 .0000E+00  
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
 .0000E+00 23 .0000E+00 24 .0000E+00

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 Valley\13594 Ops\1359 \*\*\* 07/17/23

\*\*\* AERMET - VERSION 16216 \*\*\*

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000148 ; SOURCE TYPE = VOLUME :  
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
 SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
 .0000E+00 7 .0000E+00 8 .0000E+00  
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
 .1000E+01 15 .1000E+01 16 .1000E+01  
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
 .0000E+00 7 .0000E+00 8 .0000E+00  
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
 .0000E+00 15 .0000E+00 16 .0000E+00  
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
 .0000E+00 7 .0000E+00 8 .0000E+00  
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
 .0000E+00 15 .0000E+00 16 .0000E+00  
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
 .0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000149 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000150 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00



.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000151 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

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DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* AERMET - VERSION 16216 \*\*\*

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16:45:12

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000152 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

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DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* 16:45:12

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000153 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

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DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\Users\Michael Tirohn\Desktop\HRAs\13594 Oak  
Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000154 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR

SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) \*

SOURCE ID = L0000155 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23

\*\*\* AERMET - VERSION 16216 \*\*\*
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\*\*\* 16:45:12

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000156 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000157 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14

.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000158 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000159 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000160 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000161 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6

.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000162 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

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DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000163 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000164 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23



\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000165 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\Users\Michael Tirohn\Desktop\HRAs\13594 Oak  
Valley\13594 Ops\1359 \*\*\* 07/17/23

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000166 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\Users\Michael Tirohn\Desktop\HRAs\13594 Oak  
Valley\13594 Ops\1359 \*\*\* 07/17/23

\*\*\* AERMET - VERSION 16216 \*\*\*

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000167 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

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DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23

\*\*\* AERMET - VERSION 16216 \*\*\*

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000168 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

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DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23
\*\*\* AERMET - VERSION 16216 \*\*\*
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) \*

SOURCE ID = L0000169 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23
\*\*\* AERMET - VERSION 16216 \*\*\*
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) \*

SOURCE ID = L0000170 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23

\*\*\* AERMET - VERSION 16216 \*\*\*
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) \*

SOURCE ID = L0000171 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\Users\Michael Tirohn\Desktop\HRAs\13594 Oak
Valley\13594 Ops\1359 \*\*\* 07/17/23

\*\*\* AERMET - VERSION 16216 \*\*\*
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000172 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\Users\Michael Tirohn\Desktop\HRAs\13594 Oak Valley\13594 Ops\1359 \*\*\* 07/17/23

\*\*\* AERMET - VERSION 16216 \*\*\*

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000173 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00

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.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\13594 Oak
Valley\13594 Ops\1359 *** 07/17/23
*** AERMET - VERSION 16216 ***
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000174 ; SOURCE TYPE = VOLUME :  
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
 SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
	.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
	.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
	.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

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*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\13594 Oak
Valley\13594 Ops\1359 *** 07/17/23
*** AERMET - VERSION 16216 ***
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000175 ; SOURCE TYPE = VOLUME :  
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
 SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
	.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
	.0000E+00	15	.0000E+00	16	.0000E+00						

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000176 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\Users\Michael Tirohn\Desktop\HRAs\13594 Oak  
Valley\13594 Ops\1359 \*\*\* 07/17/23

\*\*\* AERMET - VERSION 16216 \*\*\*

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000177 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14

.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\Users\Michael Tirohn\Desktop\HRAs\13594 Oak  
Valley\13594 Ops\1359 \*\*\* 07/17/23

\*\*\* AERMET - VERSION 16216 \*\*\*

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16:45:12

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000178 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

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DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23

\*\*\* AERMET - VERSION 16216 \*\*\*

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16:45:12

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000178 ; SOURCE TYPE = VOLUME :



HR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR SCALAR SCALAR SCALAR SCALAR SCALAR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23  
\*\*\* AERMET - VERSION 16216 \*\*\*  
\*\*\* 16:45:12

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000180 ; SOURCE TYPE = VOLUME :  
HR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR SCALAR SCALAR SCALAR SCALAR SCALAR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23  
\*\*\* AERMET - VERSION 16216 \*\*\*  
\*\*\* 16:45:12

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000181 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23

\*\*\* AERMET - VERSION 16216 \*\*\*

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16:45:12

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000182 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23  
\*\*\* AERMET - VERSION 16216 \*\*\*  
\*\*\* \*\* 16:45:12

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000183 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

\*\*\* AERMOD - VERSION 22112 \*\*\* \*\* C:\Users\Michael Tirohn\Desktop\HRAs\13594 Oak  
Valley\13594 Ops\1359 \*\*\* 07/17/23  
\*\*\* AERMET - VERSION 16216 \*\*\*  
\*\*\* \*\* 16:45:12

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000184 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6

.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\Users\Michael Tirohn\Desktop\HRAs\13594 Oak  
Valley\13594 Ops\1359 \*\*\* 07/17/23

\*\*\* AERMET - VERSION 16216 \*\*\*  
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\*\*\* 16:45:12

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000185 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\Users\Michael Tirohn\Desktop\HRAs\13594 Oak  
Valley\13594 Ops\1359 \*\*\* 07/17/23

\*\*\* AERMET - VERSION 16216 \*\*\*  
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\*\*\* 16:45:12

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000186 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\Users\Michael Tirohn\Desktop\HRAs\13594 Oak  
Valley\13594 Ops\1359 \*\*\* 07/17/23

\*\*\* AERMET - VERSION 16216 \*\*\*

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16:45:12

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000187 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

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DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23

\*\*\* AERMET - VERSION 16216 \*\*\*

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK

(HRDOW) \*

SOURCE ID = L0000188 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000188 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000190 ; SOURCE TYPE = VOLUME :

Hourly scalar values for days 1-24, including columns for HOUR, SCALAR, and HOUR.

DAY OF WEEK = WEEKDAY

Weekday scalar values for days 1-24.

DAY OF WEEK = SATURDAY

Saturday scalar values for days 1-24.

DAY OF WEEK = SUNDAY

Sunday scalar values for days 1-24.

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000191 ; SOURCE TYPE = VOLUME :

Hourly scalar values for days 1-24, including columns for HOUR, SCALAR, and HOUR.

DAY OF WEEK = WEEKDAY

Weekday scalar values for days 1-24.

DAY OF WEEK = SATURDAY

Saturday scalar values for days 1-24.

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000192 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000193 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22



.0000E+00 23 .0000E+00 24 .0000E+00  
DAY OF WEEK = SATURDAY  
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY  
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+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 = L0000194 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

-----  
-----

DAY OF WEEK = WEEKDAY  
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY  
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY  
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+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 = L0000194 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
	.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
	.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
	.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000196	; SOURCE TYPE = VOLUME		:							
HOURLY SCALAR	HOURLY SCALAR	HOURLY SCALAR	HOURLY SCALAR	HOURLY SCALAR	HOURLY SCALAR	HOURLY SCALAR	HOURLY SCALAR	HOURLY SCALAR	HOURLY SCALAR	HOURLY SCALAR
SCALAR	HOURLY SCALAR	SCALAR	HOURLY SCALAR	SCALAR	HOURLY SCALAR	SCALAR	HOURLY SCALAR	SCALAR	HOURLY SCALAR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
	.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
	.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
	.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000197 ; SOURCE TYPE = VOLUME :

Hourly scalar values for Weekday, Saturday, and Sunday.

DAY OF WEEK = WEEKDAY

Hourly scalar values for Weekday (Days 1-7).

DAY OF WEEK = SATURDAY

Hourly scalar values for Saturday (Days 1-7).

DAY OF WEEK = SUNDAY

Hourly scalar values for Sunday (Days 1-7).

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\*\*\* AERMET - VERSION 16216 \*\*\*

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000198 ; SOURCE TYPE = VOLUME :

Hourly scalar values for Weekday, Saturday, and Sunday.

DAY OF WEEK = WEEKDAY

Hourly scalar values for Weekday (Days 1-7).

DAY OF WEEK = SATURDAY

Hourly scalar values for Saturday (Days 1-7).

DAY OF WEEK = SUNDAY

Hourly scalar values for Sunday (Days 1-7).

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\Users\Michael Tirohn\Desktop\HRAs\13594 Oak  
Valley\13594 Ops\1359 \*\*\* 07/17/23

\*\*\* AERMET - VERSION 16216 \*\*\*

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000199 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23

\*\*\* AERMET - VERSION 16216 \*\*\*

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000200 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14

.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000201 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\Users\Michael Tirohn\Desktop\HRAs\13594 Oak  
Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000202 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000203 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

-----

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000204 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000205 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000206 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000207 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6



.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000208 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000209 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23

\*\*\* AERMET - VERSION 16216 \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000210 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000211 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\Users\Michael Tirohn\Desktop\HRAs\13594 Oak
Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) \*

SOURCE ID = L0000212 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\Users\Michael Tirohn\Desktop\HRAs\13594 Oak
Valley\13594 Ops\1359 \*\*\* 07/17/23

\*\*\* AERMET - VERSION 16216 \*\*\*
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000213 ; SOURCE TYPE = VOLUME :  
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
 SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
 .0000E+00 7 .0000E+00 8 .0000E+00  
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
 .1000E+01 15 .1000E+01 16 .1000E+01  
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
 .0000E+00 7 .0000E+00 8 .0000E+00  
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
 .0000E+00 15 .0000E+00 16 .0000E+00  
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
 .0000E+00 7 .0000E+00 8 .0000E+00  
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
 .0000E+00 15 .0000E+00 16 .0000E+00  
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
 .0000E+00 23 .0000E+00 24 .0000E+00

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\Users\Michael Tirohn\Desktop\HRAs\13594 Oak  
 Valley\13594 Ops\1359 \*\*\* 07/17/23

\*\*\* AERMET - VERSION 16216 \*\*\*

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16:45:12

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000214 ; SOURCE TYPE = VOLUME :  
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
 SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
 .0000E+00 7 .0000E+00 8 .0000E+00  
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
 .1000E+01 15 .1000E+01 16 .1000E+01  
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
 .0000E+00 7 .0000E+00 8 .0000E+00  
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
 .0000E+00 15 .0000E+00 16 .0000E+00  
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
 .0000E+00 7 .0000E+00 8 .0000E+00  
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
 .0000E+00 15 .0000E+00 16 .0000E+00  
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
 .0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000215 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = L0000216 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00

.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = L0000217 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

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DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = VOL86 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

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DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

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Valley\13594 Ops\1359 \*\*\* 07/17/23

\*\*\* AERMET - VERSION 16216 \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = 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

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Valley\13594 Ops\1359 \*\*\* 07/17/23

\*\*\* AERMET - VERSION 16216 \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = 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

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\Users\Michael Tirohn\Desktop\HRAs\13594 Oak
Valley\13594 Ops\1359 \*\*\* 07/17/23

\*\*\* AERMET - VERSION 16216 \*\*\*
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\*\*\* 16:45:12

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) \*

SOURCE ID = VOL89 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\Users\Michael Tirohn\Desktop\HRAs\13594 Oak
Valley\13594 Ops\1359 \*\*\* 07/17/23

\*\*\* AERMET - VERSION 16216 \*\*\*
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\*\*\* 16:45:12



\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = VOL90 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\Users\Michael Tirohn\Desktop\HRAs\13594 Oak Valley\13594 Ops\1359 \*\*\* 07/17/23

\*\*\* AERMET - VERSION 16216 \*\*\*

\*\*\* 16:45:12

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) \*

SOURCE ID = VOL91 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14

.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

\*\*\* AERMOD - VERSION 22112 \*\*\* 07/17/23  
Valley\13594 Ops\1359 \*\*\* C:\Users\Michael Tirohn\Desktop\HRAs\13594 Oak  
\*\*\* AERMET - VERSION 16216 \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = VOL92 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

\*\*\* AERMOD - VERSION 22112 \*\*\* 07/17/23  
Valley\13594 Ops\1359 \*\*\* C:\Users\Michael Tirohn\Desktop\HRAs\13594 Oak  
\*\*\* AERMET - VERSION 16216 \*\*\*  
\*\*\* 16:45:12

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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

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\Users\Michael Tirohn\Desktop\HRAs\13594 Oak  
Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

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

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\Users\Michael Tirohn\Desktop\HRAs\13594 Oak  
Valley\13594 Ops\1359 \*\*\* 07/17/23

\*\*\* AERMET - VERSION 16216 \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = 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

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\Users\Michael Tirohn\Desktop\HRAs\13594 Oak  
Valley\13594 Ops\1359 \*\*\* 07/17/23

\*\*\* AERMET - VERSION 16216 \*\*\*

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = VOL96 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

-----  
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DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\Users\Michael Tirohn\Desktop\HRAs\13594 Oak  
Valley\13594 Ops\1359 \*\*\* 07/17/23

\*\*\* AERMET - VERSION 16216 \*\*\*

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = VOL97 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 23 .0000E+00 24 .0000E+00

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\Users\Michael Tirohn\Desktop\HRAs\13594 Oak  
Valley\13594 Ops\1359 \*\*\* 07/17/23

\*\*\* AERMET - VERSION 16216 \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK  
(HRDOW) \*

SOURCE ID = 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

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\Users\Michael Tirohn\Desktop\HRAs\13594 Oak  
Valley\13594 Ops\1359 \*\*\* 07/17/23

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\* 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

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\Users\Michael Tirohn\Desktop\HRAs\13594 Oak  
Valley\13594 Ops\1359 \*\*\* 07/17/23

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

( 496341.0, 3759079.4, 695.0, 707.0, 0.0); ( 496358.1, 3759095.6,  
695.6, 707.0, 0.0);  
( 496369.3, 3759106.8, 696.4, 707.0, 0.0); ( 496379.1, 3759119.0,  
698.4, 707.0, 0.0);  
( 496388.5, 3759129.6, 699.4, 707.0, 0.0); ( 496397.2, 3759143.4,  
701.5, 707.0, 0.0);  
( 496409.0, 3759156.5, 703.1, 707.0, 0.0); ( 496421.3, 3759166.3,  
703.0, 842.0, 0.0);  
( 496417.0, 3759183.1, 705.0, 705.0, 0.0); ( 496440.1, 3759209.9,  
705.4, 842.0, 0.0);  
( 496450.9, 3759221.0, 705.6, 842.0, 0.0); ( 496460.9, 3759229.0,  
705.8, 843.0, 0.0);  
( 496472.3, 3759236.4, 705.9, 843.0, 0.0); ( 496484.7, 3759243.1,  
706.1, 843.0, 0.0);  
( 496470.6, 3759296.4, 707.0, 843.0, 0.0); ( 496486.4, 3759314.5,  
707.0, 843.0, 0.0);  
( 496491.4, 3759328.9, 707.2, 843.0, 0.0); ( 496495.8, 3759344.0,  
707.5, 843.0, 0.0);  
( 496497.5, 3759358.8, 708.3, 843.0, 0.0); ( 496510.5, 3759394.6,

713.5, 843.0, 0.0);  
( 496520.9, 3759399.0, 715.6, 843.0, 0.0); ( 496538.7, 3759406.0,  
718.8, 843.0, 0.0);  
( 496553.8, 3759407.4, 719.4, 843.0, 0.0); ( 496568.5, 3759412.7,  
719.7, 843.0, 0.0);  
( 496585.3, 3759415.8, 719.2, 843.0, 0.0); ( 496596.0, 3759421.1,  
719.1, 844.0, 0.0);  
( 496612.1, 3759423.1, 719.1, 858.0, 0.0); ( 496627.2, 3759427.5,  
719.4, 858.0, 0.0);  
( 496640.3, 3759432.8, 719.8, 858.0, 0.0); ( 496655.4, 3759435.5,  
720.0, 858.0, 0.0);  
( 496673.1, 3759439.9, 723.9, 858.0, 0.0); ( 496688.2, 3759442.6,  
728.1, 843.0, 0.0);  
( 496699.3, 3759446.6, 729.2, 843.0, 0.0); ( 496715.0, 3759453.0,  
730.6, 843.0, 0.0);  
( 496730.5, 3759455.3, 730.5, 858.0, 0.0); ( 495941.6, 3758882.3,  
694.0, 723.0, 0.0);  
( 495914.1, 3758939.3, 694.8, 723.0, 0.0); ( 495896.3, 3758929.9,  
696.2, 723.0, 0.0);  
( 495871.5, 3758934.6, 699.8, 709.0, 0.0); ( 495858.1, 3758949.4,  
699.3, 709.0, 0.0);  
( 495843.7, 3758964.8, 697.5, 709.0, 0.0); ( 495823.6, 3758974.9,  
698.5, 709.0, 0.0);  
( 495814.5, 3758982.6, 698.1, 710.0, 0.0); ( 495799.8, 3759009.1,  
696.5, 710.0, 0.0);  
( 495743.8, 3759027.5, 693.9, 712.0, 0.0); ( 495646.2, 3759021.8,  
695.1, 712.0, 0.0);  
( 496599.0, 3759647.1, 717.9, 893.0, 0.0); ( 496492.6, 3759723.0,  
719.1, 858.0, 0.0);  
( 496299.5, 3759737.0, 707.0, 844.0, 0.0); ( 496264.3, 3759750.9,  
706.9, 844.0, 0.0);  
( 496246.4, 3759816.2, 709.9, 844.0, 0.0); ( 496096.5, 3759815.1,  
708.4, 843.0, 0.0);  
( 496025.8, 3759849.9, 709.0, 843.0, 0.0); ( 496050.6, 3759849.9,  
709.5, 843.0, 0.0);  
( 496074.8, 3759851.6, 709.8, 843.0, 0.0); ( 496097.4, 3759853.6,  
709.7, 843.0, 0.0);  
( 496115.0, 3759855.0, 709.1, 843.0, 0.0); ( 495968.8, 3759877.5,  
709.0, 843.0, 0.0);  
( 495945.2, 3759890.6, 709.1, 843.0, 0.0); ( 495818.4, 3759902.9,  
706.5, 706.5, 0.0);  
( 495795.0, 3759897.2, 706.1, 706.1, 0.0); ( 495750.7, 3759967.0,  
706.5, 774.0, 0.0);  
( 495574.7, 3760037.4, 706.8, 774.0, 0.0); ( 495639.1, 3760059.2,  
706.0, 774.0, 0.0);  
( 495392.6, 3760053.8, 703.3, 774.0, 0.0); ( 495407.4, 3760063.5,  
703.5, 774.0, 0.0);  
( 495607.9, 3759027.2, 693.1, 712.0, 0.0); ( 497393.7, 3759162.9,  
734.8, 905.0, 0.0);  
( 497373.8, 3758814.8, 727.2, 893.0, 0.0); ( 497196.6, 3758608.5,  
719.2, 719.2, 0.0);  
( 496137.4, 3758639.1, 715.9, 721.0, 0.0); ( 496178.9, 3758611.8,  
718.9, 718.9, 0.0);  
( 496681.3, 3758518.6, 720.6, 720.6, 0.0); ( 496294.3, 3758539.6,  
714.6, 719.0, 0.0);  
( 496310.8, 3758526.0, 715.0, 719.0, 0.0); ( 496325.4, 3758514.7,  
715.5, 719.0, 0.0);  
( 496343.3, 3758499.1, 713.6, 719.0, 0.0); ( 496360.7, 3758482.6,  
712.5, 719.0, 0.0);  
( 496373.9, 3758471.3, 714.2, 716.0, 0.0); ( 496389.0, 3758461.9,  
716.3, 716.3, 0.0);  
( 496405.0, 3758449.7, 717.4, 717.4, 0.0); ( 496424.3, 3758440.7,  
718.3, 718.3, 0.0);  
( 496447.4, 3758421.4, 719.0, 731.0, 0.0); ( 495833.7, 3758795.5,  
707.9, 718.0, 0.0);  
( 495834.1, 3758774.3, 709.7, 718.0, 0.0); ( 495837.4, 3758755.0,







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													
12	01	01	1	01	-10.6	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30		
110.	9.1	285.4	5.5														
12	01	01	1	02	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90		
130.	9.1	284.5	5.5														
12	01	01	1	03	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90		
100.	9.1	285.0	5.5														
12	01	01	1	04	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90		
107.	9.1	284.6	5.5														
12	01	01	1	05	-10.7	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30		
98.	9.1	284.9	5.5														
12	01	01	1	06	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90		
86.	9.1	284.5	5.5														
12	01	01	1	07	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90		
91.	9.1	284.0	5.5														
12	01	01	1	08	-4.0	0.102	-9.000	-9.000	-999.	78.	22.9	0.32	3.22	0.54	0.90		
107.	9.1	285.0	5.5														
12	01	01	1	09	44.6	0.237	0.382	0.006	43.	276.	-25.6	0.15	3.22	0.33	2.10		
81.	10.1	289.1	5.5														
12	01	01	1	10	134.3	0.111	0.882	0.008	176.	99.	-1.0	0.32	3.22	0.26	0.40		
72.	9.1	295.1	5.5														
12	01	01	1	11	199.8	0.409	1.429	0.005	503.	627.	-29.4	0.15	3.22	0.23	3.68		
78.	10.1	297.9	5.5														
12	01	01	1	12	232.3	0.300	1.889	0.005	999.	402.	-10.0	0.32	3.22	0.22	1.80		
333.	9.1	299.4	5.5														
12	01	01	1	13	230.0	0.300	2.134	0.005	1453.	394.	-10.1	0.32	3.22	0.22	1.80		
72.	9.1	300.4	5.5														
12	01	01	1	14	194.0	0.294	2.109	0.005	1663.	382.	-11.2	0.32	3.22	0.24	1.80		
277.	9.1	301.0	5.5														
12	01	01	1	15	126.3	0.378	1.872	0.005	1784.	557.	-36.5	0.32	3.22	0.27	2.70		
243.	9.1	301.0	5.5														
12	01	01	1	16	39.5	0.199	1.278	0.005	1817.	240.	-17.2	0.32	3.22	0.36	1.30		
274.	9.1	300.1	5.5														
12	01	01	1	17	-4.7	0.101	-9.000	-9.000	-999.	85.	19.0	0.32	3.22	0.65	0.90		
252.	9.1	298.2	5.5														
12	01	01	1	18	-4.9	0.102	-9.000	-9.000	-999.	78.	18.2	0.32	3.22	1.00	0.90		
116.	9.1	296.4	5.5														
12	01	01	1	19	-18.8	0.204	-9.000	-9.000	-999.	220.	45.6	0.15	3.22	1.00	2.27		
79.	10.1	292.2	5.5														
12	01	01	1	20	-5.0	0.102	-9.000	-9.000	-999.	83.	18.1	0.32	3.22	1.00	0.90		
95.	9.1	290.2	5.5														
12	01	01	1	21	-5.0	0.102	-9.000	-9.000	-999.	78.	18.0	0.32	3.22	1.00	0.90		
99.	9.1	287.8	5.5														
12	01	01	1	22	-5.0	0.102	-9.000	-9.000	-999.	78.	18.0	0.32	3.22	1.00	0.90		
110.	9.1	287.6	5.5														
12	01	01	1	23	-10.6	0.149	-9.000	-9.000	-999.	138.	26.8	0.32	3.22	1.00	1.30		
89.	9.1	287.2	5.5														
12	01	01	1	24	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90		
105.	9.1	285.9	5.5														

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB	TMP	sigmaA	sigmaW	sigmaV
12	01	01	01	5.5	0	-999.	-99.00	285.5	99.0	-99.00	-99.00	-99.00
12	01	01	01	9.1	1	110.	1.30	-999.0	99.0	-99.00	-99.00	-99.00

F indicates top of profile (=1) or below (=0)

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\Users\Michael Tirohn\Desktop\HRAs\13594 Oak Valley\13594 Ops\1359 \*\*\* 07/17/23

\*\*\* AERMET - VERSION 16216 \*\*\*

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16:45:12

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR  
 SOURCE GROUP: ALL \*\*\*  
 INCLUDING SOURCE(S): VOL1 , VOL2 ,  
 VOL3 , VOL4 , VOL5 ,  
 VOL6 , VOL7 , VOL8 , VOL9 , VOL10 ,  
 VOL11 , VOL12 , VOL13 ,  
 VOL14 , VOL15 , VOL16 , VOL17 , VOL18 ,  
 VOL19 , VOL20 , VOL21 ,  
 VOL22 , VOL23 , VOL24 , VOL25 , VOL26 ,  
 VOL27 , VOL28 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

X-COORD (M)		Y-COORD (M)		CONC	IN	Y-COORD	
(M)	CONC			MICROGRAMS/M**3			
496340.95	3759079.40			0.01570		496358.12	
3759095.64	0.01506						
496369.26	3759106.78			0.01489		496379.07	
3759119.00	0.01526						
496388.54	3759129.65			0.01542		496397.22	
3759143.45	0.01639						
496409.05	3759156.47			0.01675		496421.27	
3759166.33	0.01629						
496417.00	3759183.08			0.02029		496440.14	
3759209.90	0.02028						
496450.86	3759220.96			0.01945		496460.92	
3759229.01	0.01814						
496472.32	3759236.38			0.01659		496484.73	
3759243.09	0.01509						
496470.65	3759296.39			0.02224		496486.40	
3759314.50	0.02009						
496491.43	3759328.92			0.02028		496495.79	
3759344.00	0.02050						
496497.47	3759358.75			0.02113		496510.54	
3759394.63	0.02153						
496520.93	3759398.99			0.02077		496538.70	
3759406.03	0.01991						
496553.79	3759407.37			0.01863		496568.54	
3759412.73	0.01832						
496585.30	3759415.75			0.01753		496596.03	
3759421.11	0.01793						
496612.13	3759423.12			0.01743		496627.21	
3759427.48	0.01758						
496640.29	3759432.85			0.01806		496655.37	
3759435.53	0.01738						
496673.14	3759439.89			0.01668		496688.23	
3759442.57	0.01510						
496699.29	3759446.59			0.01478		496715.05	
3759452.96	0.01483						
496730.47	3759455.31			0.01405		495941.60	
3758882.35	0.00142						
495914.11	3758939.34			0.00161		495896.34	
3758929.95	0.00152						
495871.53	3758934.65			0.00146		495858.12	
3758949.40	0.00149						
495843.70	3758964.82			0.00153		495823.59	
3758974.88	0.00152						
495814.54	3758982.59			0.00153		495799.78	

3759009.07	0.00162		
495743.80	3759027.51	0.00155	495646.23
3759021.81	0.00129		
496598.96	3759647.10	0.00853	496492.60
3759723.05	0.00697		
496299.55	3759736.98	0.01278	496264.28
3759750.90	0.01250		
496246.41	3759816.23	0.00719	496096.51
3759815.09	0.01388		
496025.83	3759849.86	0.01553	496050.63
3759849.86	0.01235		
496074.85	3759851.57	0.01046	496097.36
3759853.57	0.00922		
496115.03	3759854.99	0.00847	495968.83
3759877.51	0.01205		
495945.18	3759890.62	0.01595	495818.36
3759902.87	0.01981		
495794.99	3759897.17	0.01114	495750.74
3759966.98	0.01123		
495574.71	3760037.40	0.00262	495639.08
3760059.19	0.00272		
495392.64	3760053.83	0.00154	495407.39
3760063.55	0.00155		
495607.89	3759027.21	0.00122	497393.72
3759162.94	0.00115		
497373.78	3758814.81	0.00091	497196.65
3758608.54	0.00087		
496137.44	3758639.11	0.00084	496178.88
3758611.79	0.00080		
496681.33	3758518.63	0.00118	496294.32
3758539.62	0.00074		
496310.81	3758525.97	0.00073	496325.41
3758514.66	0.00072		
496343.30	3758499.12	0.00071	496360.73
3758482.64	0.00069		
496373.91	3758471.34	0.00068	496388.98
3758461.92	0.00067		

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR  
SOURCE GROUP: ALL \*\*\*  
INCLUDING SOURCE(S): VOL1 , VOL2 ,  
VOL3 , VOL4 , VOL5  
VOL6 , VOL7 , VOL8 , VOL9 , VOL10 ,  
VOL11 , VOL12 , VOL13 ,  
VOL14 , VOL15 , VOL16 , VOL17 , VOL18 ,  
VOL19 , VOL20 , VOL21 ,  
VOL22 , VOL23 , VOL24 , VOL25 , VOL26 ,  
VOL27 , VOL28 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF DPM IN \*\*  
MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
496404.99	3758449.67	0.00066	496424.30	

3758440.73	0.00065		
496447.38	3758421.42	0.00063	495833.67
3758795.49	0.00096		
495834.14	3758774.30	0.00091	495837.43
3758754.99	0.00087		
495840.26	3758735.21	0.00084	495844.50
3758714.49	0.00080		
495848.26	3758697.06	0.00078	495854.39
3758679.64	0.00076		
495875.58	3758632.55	0.00073	495885.47
3758616.53	0.00071		
495364.41	3760080.59	0.00130	495377.18
3760052.54	0.00148		
495243.97	3759737.26	0.00145	495252.84
3759702.83	0.00148		
495586.26	3759016.90	0.00115	495316.81
3758993.72	0.00073		
496355.84	3759067.33	0.01233	496365.28
3759053.99	0.01095		
496385.21	3759034.77	0.00945	496406.74
3759015.55	0.00848		
496414.21	3758994.02	0.01001	496396.42
3759026.22	0.00881		
496939.51	3758981.79	0.00179	495255.87
3760286.13	0.00068		
495398.25	3760167.62	0.00107	495342.35
3760180.39	0.00095		
495188.48	3760431.37	0.00051	495361.91
3760389.24	0.00066		
495376.45	3760371.99	0.00069	495114.36
3760603.80	0.00040		
495140.53	3760603.80	0.00040	494827.88
3761428.97	0.00021		
494940.36	3761394.47	0.00022	494975.44
3761316.49	0.00023		
494884.41	3761201.12	0.00024	495229.38
3760941.66	0.00032		
496485.43	3758210.45	0.00045	496236.63
3758545.17	0.00073		
496694.93	3759533.48	0.01818	496829.29
3759499.46	0.00581		

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\Users\Michael Tirohn\Desktop\HRAs\13594 Oak Valley\13594 Ops\1359 \*\*\* 07/17/23

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE SUMMARY OF MAXIMUM PERIOD ( 43848 HRS) RESULTS \*\*\*

\*\* CONC OF DPM IN MICROGRAMS/M\*\*3 \*\*

NETWORK

GROUP ID	OF TYPE	GRID-ID	AVERAGE CONC	RECEPTOR	(XR, YR, ZELEV, ZHILL,
ALL	1ST HIGHEST VALUE IS		0.02224 AT (	496470.65,	3759296.39, 707.00,
843.00,	0.00) DC				
	2ND HIGHEST VALUE IS		0.02153 AT (	496510.54,	3759394.63, 713.48,

```

843.00, 0.00) DC
3RD HIGHEST VALUE IS      0.02113 AT ( 496497.47, 3759358.75, 708.28,
843.00, 0.00) DC
4TH HIGHEST VALUE IS      0.02077 AT ( 496520.93, 3759398.99, 715.61,
843.00, 0.00) DC
5TH HIGHEST VALUE IS      0.02050 AT ( 496495.79, 3759344.00, 707.47,
843.00, 0.00) DC
6TH HIGHEST VALUE IS      0.02029 AT ( 496417.00, 3759183.08, 704.96,
704.96, 0.00) DC
7TH HIGHEST VALUE IS      0.02028 AT ( 496440.14, 3759209.90, 705.44,
842.00, 0.00) DC
8TH HIGHEST VALUE IS      0.02028 AT ( 496491.43, 3759328.92, 707.16,
843.00, 0.00) DC
9TH HIGHEST VALUE IS      0.02009 AT ( 496486.40, 3759314.50, 707.00,
843.00, 0.00) DC
10TH HIGHEST VALUE IS     0.01991 AT ( 496538.70, 3759406.03, 718.76,
843.00, 0.00) DC

```

```

*** RECEPTOR TYPES:  GC = GRIDCART
                       GP = GRIDPOLR
                       DC = DISCCART
                       DP = DISCPOLR

```

```

*** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\13594 Oak
Valley\13594 Ops\1359 ***          07/17/23

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*** AERMET - VERSION 16216 ***
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*** 16:45:12

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*** MODELOPTs:  RegDFAULT CONC ELEV URBAN ADJ_U*

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```

*** Message Summary : AERMOD Model Execution ***

```

```

----- Summary of Total Messages -----

```

```

A Total of      0 Fatal Error Message(s)
A Total of      2 Warning Message(s)
A Total of     388 Informational Message(s)

A Total of     43848 Hours Were Processed

A Total of      191 Calm Hours Identified

A Total of      197 Missing Hours Identified ( 0.45 Percent)

```

```

***** FATAL ERROR MESSAGES *****
*** NONE ***

```

```

***** WARNING MESSAGES *****
ME W186  4829      MEOpen: THRESH_1MIN 1-min ASOS wind speed threshold used      0.50
ME W187  4829      MEOpen: ADJ_U* Option for Stable Low Winds used in AERMET

```

```

*****
*** AERMOD Finishes Successfully ***
*****

```

```
**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 11.2.0
** Lakes Environmental Software Inc.
** Date: 7/19/2023
** File: C:\Users\Michael Tirohn\Desktop\HRAs\13594 Oak Valley\13594 Ops Scenario 1,3\13594 Ops
Scenario 1,3.ADI
**
```

```
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
```

```
CO STARTING
  TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\13594 Oak Valley\13594 Ops\1359
  MODELOPT DFAULT CONC
  AVERTIME PERIOD
  URBANOPT 2189641 Riverside_County
  POLLUTID DPM
  RUNORNOT RUN
  ERRORFIL "13594 Ops Scenario 1,3.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 = SLINE4
** DESCRSRC Bldg 3 Idle N
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 9.396E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 496104.802, 3759601.605, 702.26, 3.49, 4.00
** 496327.405, 3759504.216, 705.86, 3.49, 4.00
**
```

```
-----
LOCATION L0005414      VOLUME  496108.737 3759599.883 701.27
LOCATION L0005415      VOLUME  496116.607 3759596.440 700.64
LOCATION L0005416      VOLUME  496124.477 3759592.997 700.23
LOCATION L0005417      VOLUME  496132.346 3759589.554 700.11
LOCATION L0005418      VOLUME  496140.216 3759586.111 700.00
LOCATION L0005419      VOLUME  496148.086 3759582.668 699.88
LOCATION L0005420      VOLUME  496155.956 3759579.225 699.95
LOCATION L0005421      VOLUME  496163.826 3759575.782 700.10
LOCATION L0005422      VOLUME  496171.695 3759572.339 700.25
LOCATION L0005423      VOLUME  496179.565 3759568.896 700.40
LOCATION L0005424      VOLUME  496187.435 3759565.453 700.47
LOCATION L0005425      VOLUME  496195.305 3759562.010 700.59
LOCATION L0005426      VOLUME  496203.175 3759558.567 700.78
LOCATION L0005427      VOLUME  496211.044 3759555.124 701.02
LOCATION L0005428      VOLUME  496218.914 3759551.681 701.28
LOCATION L0005429      VOLUME  496226.784 3759548.238 701.55
```

LOCATION L0005430	VOLUME	496234.654	3759544.794	701.81
LOCATION L0005431	VOLUME	496242.523	3759541.351	702.07
LOCATION L0005432	VOLUME	496250.393	3759537.908	702.33
LOCATION L0005433	VOLUME	496258.263	3759534.465	702.59
LOCATION L0005434	VOLUME	496266.133	3759531.022	702.86
LOCATION L0005435	VOLUME	496274.003	3759527.579	703.24
LOCATION L0005436	VOLUME	496281.872	3759524.136	703.74
LOCATION L0005437	VOLUME	496289.742	3759520.693	704.17
LOCATION L0005438	VOLUME	496297.612	3759517.250	704.54
LOCATION L0005439	VOLUME	496305.482	3759513.807	704.83
LOCATION L0005440	VOLUME	496313.352	3759510.364	705.13
LOCATION L0005441	VOLUME	496321.221	3759506.921	705.50

\*\* End of LINE VOLUME Source ID = SLINE4

\*\* -----

\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE5

\*\* DESCRSRC Bldg 3 Idle S

\*\* PREFIX

\*\* Length of Side = 8.59

\*\* Configuration = Adjacent

\*\* Emission Rate = 9.396E-06

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 2

\*\* 496069.093, 3759496.332, 696.90, 3.49, 4.00

\*\* 496267.117, 3759411.928, 700.93, 3.49, 4.00

\*\* -----

LOCATION L0005442	VOLUME	496073.044	3759494.648	696.95
LOCATION L0005443	VOLUME	496080.946	3759491.280	696.84
LOCATION L0005444	VOLUME	496088.848	3759487.912	696.72
LOCATION L0005445	VOLUME	496096.750	3759484.544	696.61
LOCATION L0005446	VOLUME	496104.653	3759481.175	696.50
LOCATION L0005447	VOLUME	496112.555	3759477.807	696.39
LOCATION L0005448	VOLUME	496120.457	3759474.439	696.28
LOCATION L0005449	VOLUME	496128.359	3759471.071	696.43
LOCATION L0005450	VOLUME	496136.261	3759467.703	696.58
LOCATION L0005451	VOLUME	496144.163	3759464.335	696.73
LOCATION L0005452	VOLUME	496152.065	3759460.967	696.88
LOCATION L0005453	VOLUME	496159.968	3759457.599	697.03
LOCATION L0005454	VOLUME	496167.870	3759454.230	697.18
LOCATION L0005455	VOLUME	496175.772	3759450.862	697.33
LOCATION L0005456	VOLUME	496183.674	3759447.494	697.55
LOCATION L0005457	VOLUME	496191.576	3759444.126	697.91
LOCATION L0005458	VOLUME	496199.478	3759440.758	698.33
LOCATION L0005459	VOLUME	496207.380	3759437.390	698.80
LOCATION L0005460	VOLUME	496215.283	3759434.022	699.09
LOCATION L0005461	VOLUME	496223.185	3759430.654	699.24
LOCATION L0005462	VOLUME	496231.087	3759427.285	699.39
LOCATION L0005463	VOLUME	496238.989	3759423.917	699.54
LOCATION L0005464	VOLUME	496246.891	3759420.549	699.81
LOCATION L0005465	VOLUME	496254.793	3759417.181	700.15
LOCATION L0005466	VOLUME	496262.695	3759413.813	700.55

\*\* End of LINE VOLUME Source ID = SLINE5

\*\* -----

\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE6

\*\* DESCRSRC Bldg 4 Idle

\*\* PREFIX

\*\* Length of Side = 8.59

\*\* Configuration = Adjacent

\*\* Emission Rate = 0.0000186

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 2

\*\* 496020.862, 3759433.261, 694.16, 3.49, 4.00

\*\* 496244.393, 3759335.872, 699.38, 3.49, 4.00



```

** -----
LOCATION L0005467      VOLUME  496024.800 3759431.546 694.16
LOCATION L0005468      VOLUME  496032.675 3759428.115 694.00
LOCATION L0005469      VOLUME  496040.550 3759424.684 694.00
LOCATION L0005470      VOLUME  496048.425 3759421.253 694.00
LOCATION L0005471      VOLUME  496056.300 3759417.822 694.00
LOCATION L0005472      VOLUME  496064.175 3759414.391 694.03
LOCATION L0005473      VOLUME  496072.050 3759410.959 694.06
LOCATION L0005474      VOLUME  496079.925 3759407.528 694.03
LOCATION L0005475      VOLUME  496087.800 3759404.097 694.00
LOCATION L0005476      VOLUME  496095.675 3759400.666 694.14
LOCATION L0005477      VOLUME  496103.550 3759397.235 694.31
LOCATION L0005478      VOLUME  496111.425 3759393.804 694.41
LOCATION L0005479      VOLUME  496119.300 3759390.373 694.46
LOCATION L0005480      VOLUME  496127.175 3759386.942 694.58
LOCATION L0005481      VOLUME  496135.050 3759383.511 694.73
LOCATION L0005482      VOLUME  496142.925 3759380.080 694.88
LOCATION L0005483      VOLUME  496150.800 3759376.649 695.03
LOCATION L0005484      VOLUME  496158.675 3759373.218 695.20
LOCATION L0005485      VOLUME  496166.550 3759369.787 695.44
LOCATION L0005486      VOLUME  496174.425 3759366.356 695.73
LOCATION L0005487      VOLUME  496182.300 3759362.925 696.10
LOCATION L0005488      VOLUME  496190.176 3759359.494 696.47
LOCATION L0005489      VOLUME  496198.051 3759356.063 696.78
LOCATION L0005490      VOLUME  496205.926 3759352.632 697.03
LOCATION L0005491      VOLUME  496213.801 3759349.201 697.31
LOCATION L0005492      VOLUME  496221.676 3759345.770 697.77
LOCATION L0005493      VOLUME  496229.551 3759342.339 698.45
LOCATION L0005494      VOLUME  496237.426 3759338.908 699.07

```

\*\* End of LINE VOLUME Source ID = SLINE6

\*\* -----

\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE1

\*\* DESCRSRC Bldg 1 Idle

\*\* PREFIX

\*\* Length of Side = 8.59

\*\* Configuration = Adjacent

\*\* Emission Rate = 0.00001788

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 2

\*\* 495759.599, 3759514.278, 698.58, 3.49, 4.00

\*\* 495833.938, 3759679.911, 701.36, 3.49, 4.00

\*\* -----

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LOCATION L0005495      VOLUME  495761.358 3759518.196 698.71
LOCATION L0005496      VOLUME  495764.875 3759526.033 698.85
LOCATION L0005497      VOLUME  495768.392 3759533.870 698.87
LOCATION L0005498      VOLUME  495771.910 3759541.707 699.01
LOCATION L0005499      VOLUME  495775.427 3759549.544 699.28
LOCATION L0005500      VOLUME  495778.944 3759557.381 699.59
LOCATION L0005501      VOLUME  495782.462 3759565.217 699.51
LOCATION L0005502      VOLUME  495785.979 3759573.054 699.37
LOCATION L0005503      VOLUME  495789.496 3759580.891 699.17
LOCATION L0005504      VOLUME  495793.014 3759588.728 699.17
LOCATION L0005505      VOLUME  495796.531 3759596.565 699.55
LOCATION L0005506      VOLUME  495800.048 3759604.402 699.93
LOCATION L0005507      VOLUME  495803.566 3759612.239 700.31
LOCATION L0005508      VOLUME  495807.083 3759620.076 700.56
LOCATION L0005509      VOLUME  495810.600 3759627.912 700.67
LOCATION L0005510      VOLUME  495814.118 3759635.749 700.79
LOCATION L0005511      VOLUME  495817.635 3759643.586 700.91
LOCATION L0005512      VOLUME  495821.152 3759651.423 701.02
LOCATION L0005513      VOLUME  495824.670 3759659.260 701.14
LOCATION L0005514      VOLUME  495828.187 3759667.097 701.26
LOCATION L0005515      VOLUME  495831.704 3759674.934 701.38

```

\*\* End of LINE VOLUME Source ID = SLINE1

\*\* -----  
\*\* Line Source Represented by Adjacent Volume Sources  
\*\* LINE VOLUME Source ID = SLINE2  
\*\* DESCRSRC Bldg 2 Idle W  
\*\* PREFIX  
\*\* Length of Side = 8.59  
\*\* Configuration = Adjacent  
\*\* Emission Rate = 9.428E-06  
\*\* Vertical Dimension = 6.99  
\*\* SZINIT = 3.25  
\*\* Nodes = 2  
\*\* 495913.968, 3759696.590, 703.77, 3.49, 4.00  
\*\* 495839.526, 3759529.331, 699.81, 3.49, 4.00  
\*\* -----

LOCATION	L0005516	VOLUME	495912.221	3759692.666	703.55
LOCATION	L0005517	VOLUME	495908.728	3759684.818	703.27
LOCATION	L0005518	VOLUME	495905.236	3759676.970	703.02
LOCATION	L0005519	VOLUME	495901.743	3759669.123	703.00
LOCATION	L0005520	VOLUME	495898.250	3759661.275	703.00
LOCATION	L0005521	VOLUME	495894.757	3759653.427	703.00
LOCATION	L0005522	VOLUME	495891.264	3759645.579	702.99
LOCATION	L0005523	VOLUME	495887.771	3759637.731	702.79
LOCATION	L0005524	VOLUME	495884.279	3759629.883	702.53
LOCATION	L0005525	VOLUME	495880.786	3759622.036	702.20
LOCATION	L0005526	VOLUME	495877.293	3759614.188	702.07
LOCATION	L0005527	VOLUME	495873.800	3759606.340	702.55
LOCATION	L0005528	VOLUME	495870.307	3759598.492	702.84
LOCATION	L0005529	VOLUME	495866.814	3759590.644	702.94
LOCATION	L0005530	VOLUME	495863.322	3759582.797	702.61
LOCATION	L0005531	VOLUME	495859.829	3759574.949	701.88
LOCATION	L0005532	VOLUME	495856.336	3759567.101	701.15
LOCATION	L0005533	VOLUME	495852.843	3759559.253	700.43
LOCATION	L0005534	VOLUME	495849.350	3759551.405	700.00
LOCATION	L0005535	VOLUME	495845.857	3759543.557	700.00
LOCATION	L0005536	VOLUME	495842.365	3759535.710	700.00

\*\* End of LINE VOLUME Source ID = SLINE2  
\*\* -----  
\*\* Line Source Represented by Adjacent Volume Sources  
\*\* LINE VOLUME Source ID = SLINE3  
\*\* DESCRSRC Bldg 2 Idle E  
\*\* PREFIX  
\*\* Length of Side = 8.59  
\*\* Configuration = Adjacent  
\*\* Emission Rate = 9.428E-06  
\*\* Vertical Dimension = 6.99  
\*\* SZINIT = 3.25  
\*\* Nodes = 2  
\*\* 496031.284, 3759643.350, 704.02, 3.49, 4.00  
\*\* 495957.314, 3759476.091, 695.00, 3.49, 4.00  
\*\* -----

LOCATION	L0005537	VOLUME	496029.547	3759639.422	704.43
LOCATION	L0005538	VOLUME	496026.073	3759631.566	704.90
LOCATION	L0005539	VOLUME	496022.599	3759623.710	705.43
LOCATION	L0005540	VOLUME	496019.124	3759615.854	706.01
LOCATION	L0005541	VOLUME	496015.650	3759607.998	706.14
LOCATION	L0005542	VOLUME	496012.175	3759600.142	706.21
LOCATION	L0005543	VOLUME	496008.701	3759592.286	706.22
LOCATION	L0005544	VOLUME	496005.227	3759584.430	706.04
LOCATION	L0005545	VOLUME	496001.752	3759576.574	705.40
LOCATION	L0005546	VOLUME	495998.278	3759568.718	704.85
LOCATION	L0005547	VOLUME	495994.804	3759560.862	704.44
LOCATION	L0005548	VOLUME	495991.329	3759553.006	703.83
LOCATION	L0005549	VOLUME	495987.855	3759545.150	702.98
LOCATION	L0005550	VOLUME	495984.381	3759537.294	702.44
LOCATION	L0005551	VOLUME	495980.906	3759529.438	702.20
LOCATION	L0005552	VOLUME	495977.432	3759521.582	701.94

LOCATION	L0005553	VOLUME	495973.958	3759513.725	701.36
LOCATION	L0005554	VOLUME	495970.483	3759505.869	700.61
LOCATION	L0005555	VOLUME	495967.009	3759498.013	699.21
LOCATION	L0005556	VOLUME	495963.535	3759490.157	698.01
LOCATION	L0005557	VOLUME	495960.060	3759482.301	696.96

\*\* End of LINE VOLUME Source ID = SLINE3

\*\*

\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE7

\*\* DESCRSRC Parking Lot Onsite All

\*\* PREFIX

\*\* Length of Side = 8.59

\*\* Configuration = Adjacent

\*\* Emission Rate = 0.00005887

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 9

\*\* 495893.250, 3759363.629, 695.00, 3.49, 4.00

\*\* 495907.828, 3759388.183, 694.91, 3.49, 4.00

\*\* 495922.407, 3759401.994, 694.73, 3.49, 4.00

\*\* 495943.892, 3759416.573, 694.07, 3.49, 4.00

\*\* 495969.213, 3759428.082, 694.89, 3.49, 4.00

\*\* 495983.792, 3759441.127, 694.92, 3.49, 4.00

\*\* 495995.301, 3759458.007, 695.00, 3.49, 4.00

\*\* 496008.345, 3759485.630, 695.97, 3.49, 4.00

\*\* 496115.001, 3759724.262, 704.86, 3.49, 4.00

\*\*

LOCATION	L0005558	VOLUME	495895.442	3759367.322	695.00
LOCATION	L0005559	VOLUME	495899.828	3759374.708	695.00
LOCATION	L0005560	VOLUME	495904.214	3759382.094	695.00
LOCATION	L0005561	VOLUME	495908.924	3759389.221	695.00
LOCATION	L0005562	VOLUME	495915.160	3759395.128	694.84
LOCATION	L0005563	VOLUME	495921.396	3759401.036	694.63
LOCATION	L0005564	VOLUME	495928.363	3759406.035	694.40
LOCATION	L0005565	VOLUME	495935.471	3759410.859	694.30
LOCATION	L0005566	VOLUME	495942.579	3759415.682	694.32
LOCATION	L0005567	VOLUME	495950.267	3759419.471	694.44
LOCATION	L0005568	VOLUME	495958.087	3759423.025	694.56
LOCATION	L0005569	VOLUME	495965.907	3759426.580	694.68
LOCATION	L0005570	VOLUME	495972.908	3759431.389	694.84
LOCATION	L0005571	VOLUME	495979.310	3759437.117	695.00
LOCATION	L0005572	VOLUME	495985.243	3759443.255	695.00
LOCATION	L0005573	VOLUME	495990.082	3759450.353	695.00
LOCATION	L0005574	VOLUME	495994.921	3759457.450	695.00
LOCATION	L0005575	VOLUME	495998.681	3759465.165	695.00
LOCATION	L0005576	VOLUME	496002.349	3759472.932	695.22
LOCATION	L0005577	VOLUME	496006.017	3759480.700	695.48
LOCATION	L0005578	VOLUME	496009.626	3759488.495	695.74
LOCATION	L0005579	VOLUME	496013.131	3759496.337	696.01
LOCATION	L0005580	VOLUME	496016.636	3759504.179	696.82
LOCATION	L0005581	VOLUME	496020.141	3759512.022	697.75
LOCATION	L0005582	VOLUME	496023.646	3759519.864	698.80
LOCATION	L0005583	VOLUME	496027.151	3759527.706	700.04
LOCATION	L0005584	VOLUME	496030.656	3759535.549	701.57
LOCATION	L0005585	VOLUME	496034.161	3759543.391	702.92
LOCATION	L0005586	VOLUME	496037.666	3759551.233	704.21
LOCATION	L0005587	VOLUME	496041.171	3759559.076	705.19
LOCATION	L0005588	VOLUME	496044.677	3759566.918	705.72
LOCATION	L0005589	VOLUME	496048.182	3759574.760	706.24
LOCATION	L0005590	VOLUME	496051.687	3759582.603	706.76
LOCATION	L0005591	VOLUME	496055.192	3759590.445	706.86
LOCATION	L0005592	VOLUME	496058.697	3759598.287	706.60
LOCATION	L0005593	VOLUME	496062.202	3759606.130	706.10
LOCATION	L0005594	VOLUME	496065.707	3759613.972	705.37
LOCATION	L0005595	VOLUME	496069.212	3759621.814	704.62
LOCATION	L0005596	VOLUME	496072.717	3759629.657	704.01

LOCATION	L0005597	VOLUME	496076.222	3759637.499	703.59
LOCATION	L0005598	VOLUME	496079.728	3759645.342	703.36
LOCATION	L0005599	VOLUME	496083.233	3759653.184	703.42
LOCATION	L0005600	VOLUME	496086.738	3759661.026	703.56
LOCATION	L0005601	VOLUME	496090.243	3759668.869	703.76
LOCATION	L0005602	VOLUME	496093.748	3759676.711	704.00
LOCATION	L0005603	VOLUME	496097.253	3759684.553	704.00
LOCATION	L0005604	VOLUME	496100.758	3759692.396	704.00
LOCATION	L0005605	VOLUME	496104.263	3759700.238	704.00
LOCATION	L0005606	VOLUME	496107.768	3759708.080	704.09
LOCATION	L0005607	VOLUME	496111.273	3759715.923	704.42
LOCATION	L0005608	VOLUME	496114.779	3759723.765	704.70

\*\* End of LINE VOLUME Source ID = SLINE7

\*\*

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\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE8

\*\* DESCRSRC Parking Lot 1 E

\*\* PREFIX

\*\* Length of Side = 8.59

\*\* Configuration = Adjacent

\*\* Emission Rate = 9.193E-06

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 9

\*\* 496104.678, 3759728.214, 705.25, 3.49, 4.00

\*\* 495978.801, 3759786.914, 706.76, 3.49, 4.00

\*\* 495931.190, 3759809.089, 706.09, 3.49, 4.00

\*\* 495907.710, 3759804.523, 705.88, 3.49, 4.00

\*\* 495881.621, 3759796.045, 705.00, 3.49, 4.00

\*\* 495855.533, 3759784.957, 704.76, 3.49, 4.00

\*\* 496034.891, 3759707.996, 704.00, 3.49, 4.00

\*\* 496038.805, 3759706.039, 704.00, 3.49, 4.00

\*\* 496055.110, 3759745.824, 705.14, 3.49, 4.00

\*\*

-----  
LOCATION L0007412 VOLUME 496100.785 3759730.030 705.32  
LOCATION L0007413 VOLUME 496093.000 3759733.660 705.75  
LOCATION L0007414 VOLUME 496085.215 3759737.290 705.87  
LOCATION L0007415 VOLUME 496077.430 3759740.921 705.79  
LOCATION L0007416 VOLUME 496069.645 3759744.551 705.78  
LOCATION L0007417 VOLUME 496061.860 3759748.182 705.83  
LOCATION L0007418 VOLUME 496054.075 3759751.812 706.14  
LOCATION L0007419 VOLUME 496046.289 3759755.442 706.45  
LOCATION L0007420 VOLUME 496038.504 3759759.073 706.70  
LOCATION L0007421 VOLUME 496030.719 3759762.703 706.88  
LOCATION L0007422 VOLUME 496022.934 3759766.333 706.76  
LOCATION L0007423 VOLUME 496015.149 3759769.964 706.62  
LOCATION L0007424 VOLUME 496007.364 3759773.594 706.48  
LOCATION L0007425 VOLUME 495999.579 3759777.225 706.37  
LOCATION L0007426 VOLUME 495991.793 3759780.855 706.49  
LOCATION L0007427 VOLUME 495984.008 3759784.485 706.61  
LOCATION L0007428 VOLUME 495976.223 3759788.115 706.73  
LOCATION L0007429 VOLUME 495968.436 3759791.741 706.80  
LOCATION L0007430 VOLUME 495960.649 3759795.368 706.66  
LOCATION L0007431 VOLUME 495952.862 3759798.995 706.51  
LOCATION L0007432 VOLUME 495945.075 3759802.622 706.37  
LOCATION L0007433 VOLUME 495937.288 3759806.248 706.34  
LOCATION L0007434 VOLUME 495929.362 3759808.733 706.42  
LOCATION L0007435 VOLUME 495920.930 3759807.094 706.36  
LOCATION L0007436 VOLUME 495912.498 3759805.454 706.31  
LOCATION L0007437 VOLUME 495904.179 3759803.376 706.03  
LOCATION L0007438 VOLUME 495896.010 3759800.721 705.67  
LOCATION L0007439 VOLUME 495887.840 3759798.066 705.31  
LOCATION L0007440 VOLUME 495879.734 3759795.242 705.00  
LOCATION L0007441 VOLUME 495871.828 3759791.882 704.96  
LOCATION L0007442 VOLUME 495863.923 3759788.523 704.86  
LOCATION L0007443 VOLUME 495856.017 3759785.163 704.70

LOCATION	L0007444	VOLUME	495862.944	3759781.777	704.72
LOCATION	L0007445	VOLUME	495870.838	3759778.390	704.81
LOCATION	L0007446	VOLUME	495878.732	3759775.003	704.96
LOCATION	L0007447	VOLUME	495886.626	3759771.615	705.04
LOCATION	L0007448	VOLUME	495894.520	3759768.228	705.03
LOCATION	L0007449	VOLUME	495902.413	3759764.841	704.96
LOCATION	L0007450	VOLUME	495910.307	3759761.454	704.84
LOCATION	L0007451	VOLUME	495918.201	3759758.066	704.99
LOCATION	L0007452	VOLUME	495926.095	3759754.679	705.14
LOCATION	L0007453	VOLUME	495933.989	3759751.292	705.29
LOCATION	L0007454	VOLUME	495941.883	3759747.905	705.39
LOCATION	L0007455	VOLUME	495949.777	3759744.518	705.28
LOCATION	L0007456	VOLUME	495957.671	3759741.130	705.16
LOCATION	L0007457	VOLUME	495965.565	3759737.743	705.05
LOCATION	L0007458	VOLUME	495973.459	3759734.356	704.94
LOCATION	L0007459	VOLUME	495981.353	3759730.969	704.83
LOCATION	L0007460	VOLUME	495989.247	3759727.581	704.71
LOCATION	L0007461	VOLUME	495997.141	3759724.194	704.60
LOCATION	L0007462	VOLUME	496005.035	3759720.807	704.56
LOCATION	L0007463	VOLUME	496012.929	3759717.420	704.53
LOCATION	L0007464	VOLUME	496020.823	3759714.032	704.44
LOCATION	L0007465	VOLUME	496028.717	3759710.645	704.29
LOCATION	L0007466	VOLUME	496036.565	3759707.159	704.06
LOCATION	L0007467	VOLUME	496041.113	3759711.671	704.30
LOCATION	L0007468	VOLUME	496044.370	3759719.619	704.69
LOCATION	L0007469	VOLUME	496047.628	3759727.568	705.02
LOCATION	L0007470	VOLUME	496050.885	3759735.516	705.29
LOCATION	L0007471	VOLUME	496054.143	3759743.464	705.64

\*\* End of LINE VOLUME Source ID = SLINE8

\*\* -----

\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE9

\*\* DESCRSRC Parking Lot 1 W

\*\* PREFIX

\*\* Length of Side = 8.59

\*\* Configuration = Adjacent

\*\* Emission Rate = 2.459E-06

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 2

\*\* 495847.706, 3759784.305, 704.74, 3.49, 4.00

\*\* 495715.959, 3759745.172, 701.86, 3.49, 4.00

\*\* -----

LOCATION	L0007472	VOLUME	495843.589	3759783.082	704.56
LOCATION	L0007473	VOLUME	495835.355	3759780.636	704.48
LOCATION	L0007474	VOLUME	495827.120	3759778.190	704.40
LOCATION	L0007475	VOLUME	495818.886	3759775.744	704.30
LOCATION	L0007476	VOLUME	495810.651	3759773.298	704.16
LOCATION	L0007477	VOLUME	495802.417	3759770.852	704.06
LOCATION	L0007478	VOLUME	495794.183	3759768.407	704.01
LOCATION	L0007479	VOLUME	495785.948	3759765.961	703.84
LOCATION	L0007480	VOLUME	495777.714	3759763.515	703.49
LOCATION	L0007481	VOLUME	495769.479	3759761.069	703.13
LOCATION	L0007482	VOLUME	495761.245	3759758.623	702.78
LOCATION	L0007483	VOLUME	495753.010	3759756.177	702.50
LOCATION	L0007484	VOLUME	495744.776	3759753.731	702.28
LOCATION	L0007485	VOLUME	495736.542	3759751.285	702.10
LOCATION	L0007486	VOLUME	495728.307	3759748.840	702.00
LOCATION	L0007487	VOLUME	495720.073	3759746.394	702.00

\*\* End of LINE VOLUME Source ID = SLINE9

\*\* -----

\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE10

\*\* DESCRSRC Parking Lot 2 N

\*\* PREFIX

\*\* Length of Side = 8.59

```

** Configuration = Adjacent
** Emission Rate = 0.00004997
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 9
** 496121.635, 3759721.040, 704.65, 3.49, 4.00
** 496179.030, 3759695.604, 703.80, 3.49, 4.00
** 496199.901, 3759689.734, 703.50, 3.49, 4.00
** 496561.227, 3759526.681, 716.16, 3.49, 4.00
** 496553.400, 3759502.549, 716.64, 3.49, 4.00
** 496537.747, 3759485.592, 716.15, 3.49, 4.00
** 496522.746, 3759477.765, 715.00, 3.49, 4.00
** 496152.942, 3759649.297, 701.99, 3.49, 4.00
** 496171.204, 3759693.647, 703.72, 3.49, 4.00

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LOCATION L0007488      VOLUME  496125.562 3759719.300 704.44
LOCATION L0007489      VOLUME  496133.415 3759715.819 704.32
LOCATION L0007490      VOLUME  496141.269 3759712.339 704.21
LOCATION L0007491      VOLUME  496149.122 3759708.859 704.09
LOCATION L0007492      VOLUME  496156.975 3759705.378 703.97
LOCATION L0007493      VOLUME  496164.829 3759701.898 703.86
LOCATION L0007494      VOLUME  496172.682 3759698.417 703.74
LOCATION L0007495      VOLUME  496180.615 3759695.158 703.63
LOCATION L0007496      VOLUME  496188.884 3759692.832 703.68
LOCATION L0007497      VOLUME  496197.153 3759690.507 703.77
LOCATION L0007498      VOLUME  496205.129 3759687.375 703.89
LOCATION L0007499      VOLUME  496212.959 3759683.841 704.02
LOCATION L0007500      VOLUME  496220.789 3759680.308 704.05
LOCATION L0007501      VOLUME  496228.618 3759676.775 704.01
LOCATION L0007502      VOLUME  496236.448 3759673.242 703.99
LOCATION L0007503      VOLUME  496244.278 3759669.708 704.13
LOCATION L0007504      VOLUME  496252.107 3759666.175 704.39
LOCATION L0007505      VOLUME  496259.937 3759662.642 704.65
LOCATION L0007506      VOLUME  496267.767 3759659.109 704.91
LOCATION L0007507      VOLUME  496275.596 3759655.575 705.12
LOCATION L0007508      VOLUME  496283.426 3759652.042 705.35
LOCATION L0007509      VOLUME  496291.256 3759648.509 705.64
LOCATION L0007510      VOLUME  496299.086 3759644.976 705.95
LOCATION L0007511      VOLUME  496306.915 3759641.442 706.22
LOCATION L0007512      VOLUME  496314.745 3759637.909 706.48
LOCATION L0007513      VOLUME  496322.575 3759634.376 706.74
LOCATION L0007514      VOLUME  496330.404 3759630.843 707.00
LOCATION L0007515      VOLUME  496338.234 3759627.309 707.36
LOCATION L0007516      VOLUME  496346.064 3759623.776 707.65
LOCATION L0007517      VOLUME  496353.893 3759620.243 707.89
LOCATION L0007518      VOLUME  496361.723 3759616.710 708.10
LOCATION L0007519      VOLUME  496369.553 3759613.176 708.58
LOCATION L0007520      VOLUME  496377.383 3759609.643 709.01
LOCATION L0007521      VOLUME  496385.212 3759606.110 709.37
LOCATION L0007522      VOLUME  496393.042 3759602.576 709.63
LOCATION L0007523      VOLUME  496400.872 3759599.043 709.78
LOCATION L0007524      VOLUME  496408.701 3759595.510 709.92
LOCATION L0007525      VOLUME  496416.531 3759591.977 710.06
LOCATION L0007526      VOLUME  496424.361 3759588.443 710.21
LOCATION L0007527      VOLUME  496432.190 3759584.910 710.39
LOCATION L0007528      VOLUME  496440.020 3759581.377 710.65
LOCATION L0007529      VOLUME  496447.850 3759577.844 710.91
LOCATION L0007530      VOLUME  496455.680 3759574.310 711.28
LOCATION L0007531      VOLUME  496463.509 3759570.777 711.65
LOCATION L0007532      VOLUME  496471.339 3759567.244 711.95
LOCATION L0007533      VOLUME  496479.169 3759563.711 712.20
LOCATION L0007534      VOLUME  496486.998 3759560.177 712.51
LOCATION L0007535      VOLUME  496494.828 3759556.644 712.96
LOCATION L0007536      VOLUME  496502.658 3759553.111 713.48
LOCATION L0007537      VOLUME  496510.487 3759549.578 714.00
LOCATION L0007538      VOLUME  496518.317 3759546.044 714.18

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LOCATION L0007539	VOLUME	496526.147	3759542.511	714.48
LOCATION L0007540	VOLUME	496533.976	3759538.978	714.90
LOCATION L0007541	VOLUME	496541.806	3759535.445	715.40
LOCATION L0007542	VOLUME	496549.636	3759531.911	715.68
LOCATION L0007543	VOLUME	496557.466	3759528.378	715.89
LOCATION L0007544	VOLUME	496559.849	3759522.435	716.16
LOCATION L0007545	VOLUME	496557.199	3759514.264	716.44
LOCATION L0007546	VOLUME	496554.549	3759506.093	716.63
LOCATION L0007547	VOLUME	496550.100	3759498.975	716.58
LOCATION L0007548	VOLUME	496544.274	3759492.663	716.37
LOCATION L0007549	VOLUME	496538.448	3759486.351	716.17
LOCATION L0007550	VOLUME	496531.047	3759482.096	715.70
LOCATION L0007551	VOLUME	496523.431	3759478.123	715.13
LOCATION L0007552	VOLUME	496515.655	3759481.054	714.44
LOCATION L0007553	VOLUME	496507.862	3759484.669	713.83
LOCATION L0007554	VOLUME	496500.070	3759488.283	713.31
LOCATION L0007555	VOLUME	496492.277	3759491.898	712.79
LOCATION L0007556	VOLUME	496484.485	3759495.512	712.27
LOCATION L0007557	VOLUME	496476.692	3759499.127	711.75
LOCATION L0007558	VOLUME	496468.900	3759502.741	711.23
LOCATION L0007559	VOLUME	496461.107	3759506.356	710.71
LOCATION L0007560	VOLUME	496453.314	3759509.970	710.19
LOCATION L0007561	VOLUME	496445.522	3759513.585	709.77
LOCATION L0007562	VOLUME	496437.729	3759517.199	709.45
LOCATION L0007563	VOLUME	496429.937	3759520.814	709.19
LOCATION L0007564	VOLUME	496422.144	3759524.429	709.00
LOCATION L0007565	VOLUME	496414.352	3759528.043	708.86
LOCATION L0007566	VOLUME	496406.559	3759531.658	708.72
LOCATION L0007567	VOLUME	496398.767	3759535.272	708.58
LOCATION L0007568	VOLUME	496390.974	3759538.887	708.44
LOCATION L0007569	VOLUME	496383.182	3759542.501	708.30
LOCATION L0007570	VOLUME	496375.389	3759546.116	708.16
LOCATION L0007571	VOLUME	496367.597	3759549.730	708.02
LOCATION L0007572	VOLUME	496359.804	3759553.345	707.88
LOCATION L0007573	VOLUME	496352.012	3759556.959	707.72
LOCATION L0007574	VOLUME	496344.219	3759560.574	707.46
LOCATION L0007575	VOLUME	496336.427	3759564.188	707.20
LOCATION L0007576	VOLUME	496328.634	3759567.803	706.88
LOCATION L0007577	VOLUME	496320.842	3759571.417	706.36
LOCATION L0007578	VOLUME	496313.049	3759575.032	705.84
LOCATION L0007579	VOLUME	496305.257	3759578.646	705.32
LOCATION L0007580	VOLUME	496297.464	3759582.261	704.80
LOCATION L0007581	VOLUME	496289.672	3759585.875	704.28
LOCATION L0007582	VOLUME	496281.879	3759589.490	703.87
LOCATION L0007583	VOLUME	496274.087	3759593.104	703.47
LOCATION L0007584	VOLUME	496266.294	3759596.719	703.21
LOCATION L0007585	VOLUME	496258.501	3759600.333	703.07
LOCATION L0007586	VOLUME	496250.709	3759603.948	702.94
LOCATION L0007587	VOLUME	496242.916	3759607.562	702.80
LOCATION L0007588	VOLUME	496235.124	3759611.177	702.80
LOCATION L0007589	VOLUME	496227.331	3759614.792	702.93
LOCATION L0007590	VOLUME	496219.539	3759618.406	703.02
LOCATION L0007591	VOLUME	496211.746	3759622.021	703.01
LOCATION L0007592	VOLUME	496203.954	3759625.635	702.78
LOCATION L0007593	VOLUME	496196.161	3759629.250	702.52
LOCATION L0007594	VOLUME	496188.369	3759632.864	702.26
LOCATION L0007595	VOLUME	496180.576	3759636.479	702.01
LOCATION L0007596	VOLUME	496172.784	3759640.093	701.95
LOCATION L0007597	VOLUME	496164.991	3759643.708	701.96
LOCATION L0007598	VOLUME	496157.199	3759647.322	702.04
LOCATION L0007599	VOLUME	496154.426	3759652.901	702.22
LOCATION L0007600	VOLUME	496157.696	3759660.843	702.49
LOCATION L0007601	VOLUME	496160.967	3759668.786	702.75
LOCATION L0007602	VOLUME	496164.237	3759676.729	703.02
LOCATION L0007603	VOLUME	496167.508	3759684.672	703.28
LOCATION L0007604	VOLUME	496170.779	3759692.615	703.55

\*\* End of LINE VOLUME Source ID = SLINE10

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\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE11

\*\* DESCRSRC Parking Lot 2 S

\*\* PREFIX

\*\* Length of Side = 8.59

\*\* Configuration = Adjacent

\*\* Emission Rate = 0.00001597

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 6

\*\* 496517.528, 3759471.895, 714.37, 3.49, 4.00

\*\* 496471.221, 3759439.937, 710.85, 3.49, 4.00

\*\* 496391.651, 3759477.113, 706.07, 3.49, 4.00

\*\* 496370.128, 3759426.240, 705.34, 3.49, 4.00

\*\* 496435.350, 3759396.891, 708.54, 3.49, 4.00

\*\* 496462.742, 3759437.980, 709.53, 3.49, 4.00

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LOCATION L0007605	VOLUME	496513.993	3759469.456	714.34
LOCATION L0007606	VOLUME	496506.924	3759464.576	713.85
LOCATION L0007607	VOLUME	496499.854	3759459.697	713.50
LOCATION L0007608	VOLUME	496492.784	3759454.818	712.91
LOCATION L0007609	VOLUME	496485.714	3759449.939	712.10
LOCATION L0007610	VOLUME	496478.644	3759445.060	711.16
LOCATION L0007611	VOLUME	496471.575	3759440.181	710.50
LOCATION L0007612	VOLUME	496463.828	3759443.391	710.00
LOCATION L0007613	VOLUME	496456.045	3759447.027	709.44
LOCATION L0007614	VOLUME	496448.263	3759450.663	708.89
LOCATION L0007615	VOLUME	496440.480	3759454.299	708.47
LOCATION L0007616	VOLUME	496432.698	3759457.935	707.98
LOCATION L0007617	VOLUME	496424.915	3759461.571	707.43
LOCATION L0007618	VOLUME	496417.133	3759465.207	706.92
LOCATION L0007619	VOLUME	496409.350	3759468.844	706.72
LOCATION L0007620	VOLUME	496401.568	3759472.480	706.58
LOCATION L0007621	VOLUME	496393.785	3759476.116	706.44
LOCATION L0007622	VOLUME	496389.222	3759471.371	706.14
LOCATION L0007623	VOLUME	496385.875	3759463.460	705.92
LOCATION L0007624	VOLUME	496382.528	3759455.549	706.00
LOCATION L0007625	VOLUME	496379.181	3759447.638	706.01
LOCATION L0007626	VOLUME	496375.834	3759439.727	705.97
LOCATION L0007627	VOLUME	496372.487	3759431.816	705.80
LOCATION L0007628	VOLUME	496372.441	3759425.199	705.80
LOCATION L0007629	VOLUME	496380.275	3759421.674	706.32
LOCATION L0007630	VOLUME	496388.108	3759418.149	706.84
LOCATION L0007631	VOLUME	496395.941	3759414.624	707.32
LOCATION L0007632	VOLUME	496403.775	3759411.099	707.82
LOCATION L0007633	VOLUME	496411.608	3759407.574	708.38
LOCATION L0007634	VOLUME	496419.442	3759404.049	708.80
LOCATION L0007635	VOLUME	496427.275	3759400.524	708.67
LOCATION L0007636	VOLUME	496435.108	3759396.999	708.54
LOCATION L0007637	VOLUME	496439.968	3759403.818	708.89
LOCATION L0007638	VOLUME	496444.733	3759410.965	708.97
LOCATION L0007639	VOLUME	496449.498	3759418.113	708.99
LOCATION L0007640	VOLUME	496454.262	3759425.260	709.21
LOCATION L0007641	VOLUME	496459.027	3759432.407	709.54

\*\* End of LINE VOLUME Source ID = SLINE11

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\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE12

\*\* DESCRSRC Bldg 1 Onsite

\*\* PREFIX

\*\* Length of Side = 8.59

\*\* Configuration = Adjacent

\*\* Emission Rate = 8.853E-06

\*\* Vertical Dimension = 6.99



\*\* SZINIT = 3.25  
\*\* Nodes = 6  
\*\* 495765.389, 3759443.525, 696.05, 3.49, 4.00  
\*\* 495778.694, 3759476.235, 696.99, 3.49, 4.00  
\*\* 495772.596, 3759488.986, 697.79, 3.49, 4.00  
\*\* 495775.368, 3759503.400, 697.87, 3.49, 4.00  
\*\* 495860.190, 3759700.210, 702.82, 3.49, 4.00  
\*\* 495806.414, 3759725.712, 702.75, 3.49, 4.00

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LOCATION	VOLUME	495767.007	3759447.504	696.38
LOCATION L0005609	VOLUME	495767.007	3759447.504	696.38
LOCATION L0005610	VOLUME	495770.244	3759455.461	696.64
LOCATION L0005611	VOLUME	495773.480	3759463.417	696.91
LOCATION L0005612	VOLUME	495776.717	3759471.374	697.17
LOCATION L0005613	VOLUME	495777.252	3759479.250	697.44
LOCATION L0005614	VOLUME	495773.546	3759487.000	697.69
LOCATION L0005615	VOLUME	495773.802	3759495.259	697.97
LOCATION L0005616	VOLUME	495775.487	3759503.676	698.12
LOCATION L0005617	VOLUME	495778.887	3759511.564	698.20
LOCATION L0005618	VOLUME	495782.286	3759519.453	698.21
LOCATION L0005619	VOLUME	495785.686	3759527.341	698.22
LOCATION L0005620	VOLUME	495789.086	3759535.230	698.62
LOCATION L0005621	VOLUME	495792.486	3759543.118	699.19
LOCATION L0005622	VOLUME	495795.886	3759551.007	699.72
LOCATION L0005623	VOLUME	495799.286	3759558.895	699.94
LOCATION L0005624	VOLUME	495802.685	3759566.784	699.79
LOCATION L0005625	VOLUME	495806.085	3759574.673	699.71
LOCATION L0005626	VOLUME	495809.485	3759582.561	699.68
LOCATION L0005627	VOLUME	495812.885	3759590.450	699.89
LOCATION L0005628	VOLUME	495816.285	3759598.338	700.27
LOCATION L0005629	VOLUME	495819.685	3759606.227	700.64
LOCATION L0005630	VOLUME	495823.085	3759614.115	700.94
LOCATION L0005631	VOLUME	495826.484	3759622.004	701.04
LOCATION L0005632	VOLUME	495829.884	3759629.892	701.14
LOCATION L0005633	VOLUME	495833.284	3759637.781	701.31
LOCATION L0005634	VOLUME	495836.684	3759645.669	701.53
LOCATION L0005635	VOLUME	495840.084	3759653.558	701.66
LOCATION L0005636	VOLUME	495843.484	3759661.447	701.77
LOCATION L0005637	VOLUME	495846.884	3759669.335	701.88
LOCATION L0005638	VOLUME	495850.283	3759677.224	702.03
LOCATION L0005639	VOLUME	495853.683	3759685.112	702.37
LOCATION L0005640	VOLUME	495857.083	3759693.001	702.66
LOCATION L0005641	VOLUME	495859.522	3759700.527	702.87
LOCATION L0005642	VOLUME	495851.760	3759704.208	702.94
LOCATION L0005643	VOLUME	495843.999	3759707.888	702.84
LOCATION L0005644	VOLUME	495836.237	3759711.569	702.71
LOCATION L0005645	VOLUME	495828.476	3759715.250	702.57
LOCATION L0005646	VOLUME	495820.714	3759718.930	702.43
LOCATION L0005647	VOLUME	495812.953	3759722.611	702.55

\*\* End of LINE VOLUME Source ID = SLINE12

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\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE13

\*\* DESCRSRC Bldg 2 Onsite

\*\* PREFIX

\*\* Length of Side = 8.59

\*\* Configuration = Adjacent

\*\* Emission Rate = 0.00002243

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 13

\*\* 495764.834, 3759444.634, 696.06, 3.49, 4.00  
\*\* 495781.466, 3759481.778, 697.64, 3.49, 4.00  
\*\* 495794.772, 3759492.312, 697.95, 3.49, 4.00  
\*\* 495805.305, 3759507.281, 697.92, 3.49, 4.00  
\*\* 495816.393, 3759526.684, 699.92, 3.49, 4.00  
\*\* 495900.661, 3759721.831, 704.07, 3.49, 4.00

\*\* 496050.902, 3759653.086, 704.07, 3.49, 4.00  
\*\* 495950.002, 3759422.458, 694.67, 3.49, 4.00  
\*\* 495946.121, 3759415.806, 694.07, 3.49, 4.00  
\*\* 495930.598, 3759406.935, 694.17, 3.49, 4.00  
\*\* 495914.521, 3759396.956, 694.91, 3.49, 4.00  
\*\* 495903.987, 3759382.542, 694.95, 3.49, 4.00  
\*\* 495892.899, 3759363.692, 695.00, 3.49, 4.00

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LOCATION L0005648 VOLUME 495766.589 3759448.554 696.41  
LOCATION L0005649 VOLUME 495770.100 3759456.394 696.67  
LOCATION L0005650 VOLUME 495773.610 3759464.234 696.93  
LOCATION L0005651 VOLUME 495777.121 3759472.074 697.20  
LOCATION L0005652 VOLUME 495780.631 3759479.914 697.46  
LOCATION L0005653 VOLUME 495786.599 3759485.842 697.66  
LOCATION L0005654 VOLUME 495793.334 3759491.174 697.82  
LOCATION L0005655 VOLUME 495798.660 3759497.838 698.03  
LOCATION L0005656 VOLUME 495803.604 3759504.863 698.25  
LOCATION L0005657 VOLUME 495808.100 3759512.172 698.63  
LOCATION L0005658 VOLUME 495812.362 3759519.630 699.14  
LOCATION L0005659 VOLUME 495816.577 3759527.111 699.75  
LOCATION L0005660 VOLUME 495819.983 3759534.997 699.98  
LOCATION L0005661 VOLUME 495823.388 3759542.884 700.00  
LOCATION L0005662 VOLUME 495826.793 3759550.770 700.00  
LOCATION L0005663 VOLUME 495830.199 3759558.656 700.03  
LOCATION L0005664 VOLUME 495833.604 3759566.542 700.15  
LOCATION L0005665 VOLUME 495837.010 3759574.428 700.34  
LOCATION L0005666 VOLUME 495840.415 3759582.314 700.58  
LOCATION L0005667 VOLUME 495843.820 3759590.201 700.81  
LOCATION L0005668 VOLUME 495847.226 3759598.087 700.94  
LOCATION L0005669 VOLUME 495850.631 3759605.973 701.01  
LOCATION L0005670 VOLUME 495854.037 3759613.859 701.15  
LOCATION L0005671 VOLUME 495857.442 3759621.745 701.42  
LOCATION L0005672 VOLUME 495860.847 3759629.631 701.80  
LOCATION L0005673 VOLUME 495864.253 3759637.517 702.17  
LOCATION L0005674 VOLUME 495867.658 3759645.404 702.55  
LOCATION L0005675 VOLUME 495871.063 3759653.290 702.69  
LOCATION L0005676 VOLUME 495874.469 3759661.176 702.80  
LOCATION L0005677 VOLUME 495877.874 3759669.062 702.92  
LOCATION L0005678 VOLUME 495881.280 3759676.948 703.00  
LOCATION L0005679 VOLUME 495884.685 3759684.834 703.04  
LOCATION L0005680 VOLUME 495888.090 3759692.721 703.14  
LOCATION L0005681 VOLUME 495891.496 3759700.607 703.30  
LOCATION L0005682 VOLUME 495894.901 3759708.493 703.52  
LOCATION L0005683 VOLUME 495898.307 3759716.379 703.73  
LOCATION L0005684 VOLUME 495903.072 3759720.728 703.87  
LOCATION L0005685 VOLUME 495910.883 3759717.154 704.01  
LOCATION L0005686 VOLUME 495918.694 3759713.580 704.07  
LOCATION L0005687 VOLUME 495926.505 3759710.006 704.07  
LOCATION L0005688 VOLUME 495934.316 3759706.432 704.01  
LOCATION L0005689 VOLUME 495942.127 3759702.858 703.89  
LOCATION L0005690 VOLUME 495949.939 3759699.284 703.77  
LOCATION L0005691 VOLUME 495957.750 3759695.709 703.65  
LOCATION L0005692 VOLUME 495965.561 3759692.135 703.53  
LOCATION L0005693 VOLUME 495973.372 3759688.561 703.41  
LOCATION L0005694 VOLUME 495981.183 3759684.987 703.29  
LOCATION L0005695 VOLUME 495988.994 3759681.413 703.17  
LOCATION L0005696 VOLUME 495996.805 3759677.839 703.06  
LOCATION L0005697 VOLUME 496004.617 3759674.265 703.14  
LOCATION L0005698 VOLUME 496012.428 3759670.691 703.40  
LOCATION L0005699 VOLUME 496020.239 3759667.117 703.66  
LOCATION L0005700 VOLUME 496028.050 3759663.543 703.92  
LOCATION L0005701 VOLUME 496035.861 3759659.968 704.00  
LOCATION L0005702 VOLUME 496043.672 3759656.394 704.00  
LOCATION L0005703 VOLUME 496050.646 3759652.500 704.00  
LOCATION L0005704 VOLUME 496047.202 3759644.631 704.10  
LOCATION L0005705 VOLUME 496043.759 3759636.761 704.63

LOCATION	VOLUME				
LOCATION L0005706	VOLUME	496040.316	3759628.891	705.15	
LOCATION L0005707	VOLUME	496036.873	3759621.021	705.68	
LOCATION L0005708	VOLUME	496033.430	3759613.152	706.10	
LOCATION L0005709	VOLUME	496029.987	3759605.282	706.36	
LOCATION L0005710	VOLUME	496026.544	3759597.412	706.54	
LOCATION L0005711	VOLUME	496023.101	3759589.542	706.67	
LOCATION L0005712	VOLUME	496019.658	3759581.672	706.34	
LOCATION L0005713	VOLUME	496016.215	3759573.803	705.70	
LOCATION L0005714	VOLUME	496012.772	3759565.933	705.06	
LOCATION L0005715	VOLUME	496009.329	3759558.063	704.42	
LOCATION L0005716	VOLUME	496005.886	3759550.193	703.02	
LOCATION L0005717	VOLUME	496002.443	3759542.323	701.33	
LOCATION L0005718	VOLUME	495999.000	3759534.454	699.87	
LOCATION L0005719	VOLUME	495995.557	3759526.584	699.04	
LOCATION L0005720	VOLUME	495992.114	3759518.714	698.96	
LOCATION L0005721	VOLUME	495988.671	3759510.844	698.73	
LOCATION L0005722	VOLUME	495985.228	3759502.974	698.32	
LOCATION L0005723	VOLUME	495981.785	3759495.105	697.76	
LOCATION L0005724	VOLUME	495978.342	3759487.235	697.25	
LOCATION L0005725	VOLUME	495974.899	3759479.365	696.56	
LOCATION L0005726	VOLUME	495971.456	3759471.495	695.69	
LOCATION L0005727	VOLUME	495968.013	3759463.625	695.00	
LOCATION L0005728	VOLUME	495964.570	3759455.756	695.00	
LOCATION L0005729	VOLUME	495961.127	3759447.886	695.00	
LOCATION L0005730	VOLUME	495957.684	3759440.016	695.00	
LOCATION L0005731	VOLUME	495954.241	3759432.146	694.87	
LOCATION L0005732	VOLUME	495950.798	3759424.277	694.60	
LOCATION L0005733	VOLUME	495946.674	3759416.753	694.35	
LOCATION L0005734	VOLUME	495939.615	3759412.088	694.22	
LOCATION L0005735	VOLUME	495932.157	3759407.826	694.32	
LOCATION L0005736	VOLUME	495924.825	3759403.352	694.52	
LOCATION L0005737	VOLUME	495917.527	3759398.822	694.76	
LOCATION L0005738	VOLUME	495911.540	3759392.877	694.96	
LOCATION L0005739	VOLUME	495906.472	3759385.942	695.00	
LOCATION L0005740	VOLUME	495901.767	3759378.767	695.00	
LOCATION L0005741	VOLUME	495897.412	3759371.363	695.00	
LOCATION L0005742	VOLUME	495893.056	3759363.959	695.00	

\*\* End of LINE VOLUME Source ID = SLINE13

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\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE14

\*\* DESCRSRC Bldg 3 Onsite S 25%

\*\* PREFIX

\*\* Length of Side = 8.59

\*\* Configuration = Adjacent

\*\* Emission Rate = 9.962E-06

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 14

** 495890.682, 3759363.692, 695.00, 3.49, 4.00
** 495910.086, 3759390.858, 694.92, 3.49, 4.00
** 495917.293, 3759398.619, 694.87, 3.49, 4.00
** 495930.598, 3759406.935, 694.17, 3.49, 4.00
** 495978.831, 3759434.655, 694.93, 3.49, 4.00
** 495988.255, 3759446.297, 694.93, 3.49, 4.00
** 496000.452, 3759464.592, 695.00, 3.49, 4.00
** 496017.084, 3759504.509, 696.09, 3.49, 4.00
** 496285.411, 3759383.651, 701.39, 3.49, 4.00
** 496293.172, 3759376.998, 702.02, 3.49, 4.00
** 496295.944, 3759368.682, 702.12, 3.49, 4.00
** 496231.080, 3759221.767, 700.56, 3.49, 4.00
** 496223.319, 3759196.265, 695.00, 3.49, 4.00
** 496208.350, 3759172.981, 695.00, 3.49, 4.00

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LOCATION L0005743	VOLUME	495893.178	3759367.187	695.00	
LOCATION L0005744	VOLUME	495898.171	3759374.177	695.00	

LOCATION	L0005745	VOLUME	495903.164	3759381.167	695.00
LOCATION	L0005746	VOLUME	495908.157	3759388.157	695.00
LOCATION	L0005747	VOLUME	495913.673	3759394.721	694.89
LOCATION	L0005748	VOLUME	495920.065	3759400.352	694.68
LOCATION	L0005749	VOLUME	495927.350	3759404.905	694.44
LOCATION	L0005750	VOLUME	495934.725	3759409.307	694.27
LOCATION	L0005751	VOLUME	495942.172	3759413.587	694.25
LOCATION	L0005752	VOLUME	495949.620	3759417.867	694.39
LOCATION	L0005753	VOLUME	495957.068	3759422.147	694.53
LOCATION	L0005754	VOLUME	495964.515	3759426.428	694.67
LOCATION	L0005755	VOLUME	495971.963	3759430.708	694.82
LOCATION	L0005756	VOLUME	495979.251	3759435.175	694.97
LOCATION	L0005757	VOLUME	495984.656	3759441.851	695.00
LOCATION	L0005758	VOLUME	495989.847	3759448.685	695.00
LOCATION	L0005759	VOLUME	495994.612	3759455.833	695.00
LOCATION	L0005760	VOLUME	495999.377	3759462.980	695.00
LOCATION	L0005761	VOLUME	496003.010	3759470.733	695.15
LOCATION	L0005762	VOLUME	496006.314	3759478.662	695.42
LOCATION	L0005763	VOLUME	496009.618	3759486.591	695.68
LOCATION	L0005764	VOLUME	496012.922	3759494.520	695.94
LOCATION	L0005765	VOLUME	496016.226	3759502.450	696.64
LOCATION	L0005766	VOLUME	496022.882	3759501.897	696.67
LOCATION	L0005767	VOLUME	496030.714	3759498.369	696.30
LOCATION	L0005768	VOLUME	496038.546	3759494.842	696.23
LOCATION	L0005769	VOLUME	496046.379	3759491.314	696.37
LOCATION	L0005770	VOLUME	496054.211	3759487.786	696.51
LOCATION	L0005771	VOLUME	496062.043	3759484.258	696.60
LOCATION	L0005772	VOLUME	496069.875	3759480.731	696.48
LOCATION	L0005773	VOLUME	496077.707	3759477.203	696.37
LOCATION	L0005774	VOLUME	496085.540	3759473.675	696.25
LOCATION	L0005775	VOLUME	496093.372	3759470.147	696.13
LOCATION	L0005776	VOLUME	496101.204	3759466.620	696.01
LOCATION	L0005777	VOLUME	496109.036	3759463.092	695.90
LOCATION	L0005778	VOLUME	496116.868	3759459.564	695.78
LOCATION	L0005779	VOLUME	496124.701	3759456.037	695.80
LOCATION	L0005780	VOLUME	496132.533	3759452.509	695.95
LOCATION	L0005781	VOLUME	496140.365	3759448.981	696.09
LOCATION	L0005782	VOLUME	496148.197	3759445.453	696.23
LOCATION	L0005783	VOLUME	496156.029	3759441.926	696.38
LOCATION	L0005784	VOLUME	496163.862	3759438.398	696.52
LOCATION	L0005785	VOLUME	496171.694	3759434.870	696.71
LOCATION	L0005786	VOLUME	496179.526	3759431.343	696.97
LOCATION	L0005787	VOLUME	496187.358	3759427.815	697.40
LOCATION	L0005788	VOLUME	496195.190	3759424.287	697.79
LOCATION	L0005789	VOLUME	496203.023	3759420.759	698.12
LOCATION	L0005790	VOLUME	496210.855	3759417.232	698.38
LOCATION	L0005791	VOLUME	496218.687	3759413.704	698.53
LOCATION	L0005792	VOLUME	496226.519	3759410.176	698.67
LOCATION	L0005793	VOLUME	496234.351	3759406.648	698.81
LOCATION	L0005794	VOLUME	496242.184	3759403.121	699.12
LOCATION	L0005795	VOLUME	496250.016	3759399.593	699.64
LOCATION	L0005796	VOLUME	496257.848	3759396.065	700.16
LOCATION	L0005797	VOLUME	496265.680	3759392.538	700.68
LOCATION	L0005798	VOLUME	496273.512	3759389.010	701.10
LOCATION	L0005799	VOLUME	496281.345	3759385.482	701.36
LOCATION	L0005800	VOLUME	496288.547	3759380.963	701.60
LOCATION	L0005801	VOLUME	496293.962	3759374.628	701.84
LOCATION	L0005802	VOLUME	496295.006	3759366.558	702.14
LOCATION	L0005803	VOLUME	496291.537	3759358.700	702.29
LOCATION	L0005804	VOLUME	496288.067	3759350.841	702.43
LOCATION	L0005805	VOLUME	496284.598	3759342.983	702.62
LOCATION	L0005806	VOLUME	496281.128	3759335.125	702.75
LOCATION	L0005807	VOLUME	496277.659	3759327.267	702.70
LOCATION	L0005808	VOLUME	496274.190	3759319.409	702.46
LOCATION	L0005809	VOLUME	496270.720	3759311.550	702.04
LOCATION	L0005810	VOLUME	496267.251	3759303.692	701.74

LOCATION	VOLUME				
L0005811	496263.781	3759295.834	701.41		
L0005812	496260.312	3759287.976	701.01		
L0005813	496256.842	3759280.118	701.06		
L0005814	496253.373	3759272.260	701.16		
L0005815	496249.903	3759264.401	701.13		
L0005816	496246.434	3759256.543	700.98		
L0005817	496242.964	3759248.685	700.92		
L0005818	496239.495	3759240.827	700.93		
L0005819	496236.025	3759232.969	700.86		
L0005820	496232.556	3759225.111	700.23		
L0005821	496229.643	3759217.046	698.37		
L0005822	496227.142	3759208.828	696.83		
L0005823	496224.641	3759200.610	695.57		
L0005824	496221.129	3759192.860	695.00		
L0005825	496216.484	3759185.634	695.00		
L0005826	496211.839	3759178.408	695.00		

\*\* End of LINE VOLUME Source ID = SLINE14

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\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE15

\*\* DESCRSRC Bldg 3 Onsite N 50%

\*\* PREFIX

\*\* Length of Side = 8.59

\*\* Configuration = Adjacent

\*\* Emission Rate = 8.738E-06

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 8

\*\* 495891.791, 3759363.692, 695.00, 3.49, 4.00  
 \*\* 495912.303, 3759393.075, 694.91, 3.49, 4.00  
 \*\* 495922.837, 3759401.946, 694.71, 3.49, 4.00  
 \*\* 495973.841, 3759431.329, 694.95, 3.49, 4.00  
 \*\* 495988.255, 3759446.852, 694.93, 3.49, 4.00  
 \*\* 496004.333, 3759472.354, 695.00, 3.49, 4.00  
 \*\* 496078.067, 3759640.890, 703.66, 3.49, 4.00  
 \*\* 496343.622, 3759521.695, 706.28, 3.49, 4.00

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LOCATION L0005827	VOLUME 495894.249	3759367.214	695.00		
LOCATION L0005828	VOLUME 495899.166	3759374.258	695.00		
LOCATION L0005829	VOLUME 495904.083	3759381.301	695.00		
LOCATION L0005830	VOLUME 495909.001	3759388.344	695.00		
LOCATION L0005831	VOLUME 495914.461	3759394.892	694.87		
LOCATION L0005832	VOLUME 495921.031	3759400.425	694.65		
LOCATION L0005833	VOLUME 495928.235	3759405.055	694.41		
LOCATION L0005834	VOLUME 495935.678	3759409.343	694.25		
LOCATION L0005835	VOLUME 495943.121	3759413.631	694.25		
LOCATION L0005836	VOLUME 495950.564	3759417.919	694.39		
LOCATION L0005837	VOLUME 495958.007	3759422.207	694.53		
LOCATION L0005838	VOLUME 495965.451	3759426.495	694.68		
LOCATION L0005839	VOLUME 495972.894	3759430.783	694.82		
LOCATION L0005840	VOLUME 495978.942	3759436.822	695.00		
LOCATION L0005841	VOLUME 495984.787	3759443.117	695.00		
LOCATION L0005842	VOLUME 495990.118	3759449.807	695.00		
LOCATION L0005843	VOLUME 495994.699	3759457.073	695.00		
LOCATION L0005844	VOLUME 495999.281	3759464.340	695.00		
LOCATION L0005845	VOLUME 496003.862	3759471.606	695.18		
LOCATION L0005846	VOLUME 496007.422	3759479.414	695.44		
LOCATION L0005847	VOLUME 496010.865	3759487.284	695.70		
LOCATION L0005848	VOLUME 496014.308	3759495.154	695.97		
LOCATION L0005849	VOLUME 496017.751	3759503.024	696.72		
LOCATION L0005850	VOLUME 496021.194	3759510.893	697.66		
LOCATION L0005851	VOLUME 496024.637	3759518.763	698.72		
LOCATION L0005852	VOLUME 496028.080	3759526.633	699.92		
LOCATION L0005853	VOLUME 496031.523	3759534.503	701.41		
LOCATION L0005854	VOLUME 496034.966	3759542.373	702.77		
LOCATION L0005855	VOLUME 496038.409	3759550.242	704.06		

LOCATION	VOLUME				
L0005856	496041.852	3759558.112	705.13		
L0005857	496045.295	3759565.982	705.65		
L0005858	496048.738	3759573.852	706.18		
L0005859	496052.181	3759581.721	706.70		
L0005860	496055.624	3759589.591	706.89		
L0005861	496059.067	3759597.461	706.62		
L0005862	496062.510	3759605.331	706.08		
L0005863	496065.953	3759613.201	705.36		
L0005864	496069.396	3759621.070	704.62		
L0005865	496072.839	3759628.940	704.02		
L0005866	496076.282	3759636.810	703.60		
L0005867	496081.841	3759639.196	703.25		
L0005868	496089.678	3759635.678	702.70		
L0005869	496097.515	3759632.161	702.30		
L0005870	496105.352	3759628.643	701.92		
L0005871	496113.188	3759625.125	701.54		
L0005872	496121.025	3759621.608	701.18		
L0005873	496128.862	3759618.090	701.06		
L0005874	496136.699	3759614.573	700.95		
L0005875	496144.536	3759611.055	700.83		
L0005876	496152.372	3759607.538	700.78		
L0005877	496160.209	3759604.020	700.92		
L0005878	496168.046	3759600.503	701.06		
L0005879	496175.883	3759596.985	701.21		
L0005880	496183.719	3759593.467	701.27		
L0005881	496191.556	3759589.950	701.17		
L0005882	496199.393	3759586.432	701.01		
L0005883	496207.230	3759582.915	700.99		
L0005884	496215.066	3759579.397	701.15		
L0005885	496222.903	3759575.880	701.42		
L0005886	496230.740	3759572.362	701.68		
L0005887	496238.577	3759568.845	701.94		
L0005888	496246.414	3759565.327	702.20		
L0005889	496254.250	3759561.810	702.46		
L0005890	496262.087	3759558.292	702.72		
L0005891	496269.924	3759554.774	702.98		
L0005892	496277.761	3759551.257	703.49		
L0005893	496285.597	3759547.739	704.01		
L0005894	496293.434	3759544.222	704.53		
L0005895	496301.271	3759540.704	705.04		
L0005896	496309.108	3759537.187	705.40		
L0005897	496316.944	3759533.669	705.69		
L0005898	496324.781	3759530.152	705.92		
L0005899	496332.618	3759526.634	706.09		
L0005900	496340.455	3759523.117	706.33		

\*\* End of LINE VOLUME Source ID = SLINE15

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\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE16

\*\* DESCRSRC Bldg 4 Onsite

\*\* PREFIX

\*\* Length of Side = 8.59

\*\* Configuration = Adjacent

\*\* Emission Rate = 0.0000176

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 11

\*\* 495891.236, 3759363.138, 695.00, 3.49, 4.00

\*\* 495915.075, 3759396.956, 694.90, 3.49, 4.00

\*\* 495933.925, 3759409.153, 694.08, 3.49, 4.00

\*\* 495970.515, 3759428.557, 694.90, 3.49, 4.00

\*\* 495986.592, 3759443.525, 694.93, 3.49, 4.00

\*\* 495999.898, 3759465.701, 695.00, 3.49, 4.00

\*\* 496265.452, 3759345.397, 701.91, 3.49, 4.00

\*\* 496283.193, 3759336.527, 702.12, 3.49, 4.00

\*\* 496224.982, 3759205.136, 695.00, 3.49, 4.00

\*\* 496222.764, 3759194.602, 695.00, 3.49, 4.00

\*\* 496207.795, 3759172.426, 695.00, 3.49, 4.00

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LOCATION	L0005901	VOLUME	495893.711	3759366.649	695.00
LOCATION	L0005902	VOLUME	495898.660	3759373.669	695.00
LOCATION	L0005903	VOLUME	495903.609	3759380.690	695.00
LOCATION	L0005904	VOLUME	495908.558	3759387.711	695.00
LOCATION	L0005905	VOLUME	495913.508	3759394.732	694.90
LOCATION	L0005906	VOLUME	495920.003	3759400.145	694.68
LOCATION	L0005907	VOLUME	495927.215	3759404.811	694.44
LOCATION	L0005908	VOLUME	495934.453	3759409.433	694.29
LOCATION	L0005909	VOLUME	495942.042	3759413.457	694.24
LOCATION	L0005910	VOLUME	495949.631	3759417.482	694.38
LOCATION	L0005911	VOLUME	495957.220	3759421.506	694.51
LOCATION	L0005912	VOLUME	495964.809	3759425.531	694.64
LOCATION	L0005913	VOLUME	495972.075	3759430.009	694.79
LOCATION	L0005914	VOLUME	495978.361	3759435.862	694.99
LOCATION	L0005915	VOLUME	495984.648	3759441.716	695.00
LOCATION	L0005916	VOLUME	495989.645	3759448.614	695.00
LOCATION	L0005917	VOLUME	495994.065	3759455.980	695.00
LOCATION	L0005918	VOLUME	495998.484	3759463.346	695.00
LOCATION	L0005919	VOLUME	496005.220	3759463.290	694.98
LOCATION	L0005920	VOLUME	496013.045	3759459.745	694.91
LOCATION	L0005921	VOLUME	496020.869	3759456.200	694.77
LOCATION	L0005922	VOLUME	496028.694	3759452.656	694.58
LOCATION	L0005923	VOLUME	496036.518	3759449.111	694.52
LOCATION	L0005924	VOLUME	496044.343	3759445.566	694.46
LOCATION	L0005925	VOLUME	496052.167	3759442.021	694.34
LOCATION	L0005926	VOLUME	496059.992	3759438.477	694.15
LOCATION	L0005927	VOLUME	496067.816	3759434.932	694.24
LOCATION	L0005928	VOLUME	496075.641	3759431.387	694.43
LOCATION	L0005929	VOLUME	496083.465	3759427.843	694.55
LOCATION	L0005930	VOLUME	496091.290	3759424.298	694.62
LOCATION	L0005931	VOLUME	496099.114	3759420.753	694.63
LOCATION	L0005932	VOLUME	496106.939	3759417.208	694.72
LOCATION	L0005933	VOLUME	496114.763	3759413.664	694.86
LOCATION	L0005934	VOLUME	496122.588	3759410.119	695.07
LOCATION	L0005935	VOLUME	496130.412	3759406.574	695.33
LOCATION	L0005936	VOLUME	496138.237	3759403.030	695.49
LOCATION	L0005937	VOLUME	496146.061	3759399.485	695.63
LOCATION	L0005938	VOLUME	496153.886	3759395.940	695.77
LOCATION	L0005939	VOLUME	496161.710	3759392.395	695.92
LOCATION	L0005940	VOLUME	496169.535	3759388.851	696.06
LOCATION	L0005941	VOLUME	496177.359	3759385.306	696.20
LOCATION	L0005942	VOLUME	496185.184	3759381.761	696.47
LOCATION	L0005943	VOLUME	496193.008	3759378.217	696.88
LOCATION	L0005944	VOLUME	496200.833	3759374.672	697.33
LOCATION	L0005945	VOLUME	496208.657	3759371.127	697.72
LOCATION	L0005946	VOLUME	496216.482	3759367.582	697.97
LOCATION	L0005947	VOLUME	496224.307	3759364.038	698.24
LOCATION	L0005948	VOLUME	496232.131	3759360.493	698.58
LOCATION	L0005949	VOLUME	496239.956	3759356.948	698.97
LOCATION	L0005950	VOLUME	496247.780	3759353.404	699.68
LOCATION	L0005951	VOLUME	496255.605	3759349.859	700.46
LOCATION	L0005952	VOLUME	496263.429	3759346.314	701.30
LOCATION	L0005953	VOLUME	496271.149	3759342.549	702.03
LOCATION	L0005954	VOLUME	496278.832	3759338.708	702.49
LOCATION	L0005955	VOLUME	496281.689	3759333.131	702.86
LOCATION	L0005956	VOLUME	496278.209	3759325.278	702.80
LOCATION	L0005957	VOLUME	496274.730	3759317.424	702.55
LOCATION	L0005958	VOLUME	496271.250	3759309.570	702.10
LOCATION	L0005959	VOLUME	496267.771	3759301.716	701.78
LOCATION	L0005960	VOLUME	496264.291	3759293.863	701.44
LOCATION	L0005961	VOLUME	496260.812	3759286.009	701.05
LOCATION	L0005962	VOLUME	496257.332	3759278.155	701.26
LOCATION	L0005963	VOLUME	496253.853	3759270.302	701.34

LOCATION	VOLUME				
LOCATION L0005964	VOLUME	496250.373	3759262.448	701.31	
LOCATION L0005965	VOLUME	496246.894	3759254.594	701.18	
LOCATION L0005966	VOLUME	496243.414	3759246.740	701.13	
LOCATION L0005967	VOLUME	496239.935	3759238.887	701.10	
LOCATION L0005968	VOLUME	496236.455	3759231.033	701.01	
LOCATION L0005969	VOLUME	496232.976	3759223.179	699.96	
LOCATION L0005970	VOLUME	496229.496	3759215.325	698.07	
LOCATION L0005971	VOLUME	496226.017	3759207.472	696.55	
LOCATION L0005972	VOLUME	496223.738	3759199.230	695.37	
LOCATION L0005973	VOLUME	496220.604	3759191.402	695.00	
LOCATION L0005974	VOLUME	496215.798	3759184.282	695.00	
LOCATION L0005975	VOLUME	496210.992	3759177.163	695.00	

\*\* End of LINE VOLUME Source ID = SLINE16

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\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE17

\*\* DESCRSRC TTP Calimesa 30%

\*\* PREFIX

\*\* Length of Side = 14.00

\*\* Configuration = Adjacent

\*\* Emission Rate = 0.00001915

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 19

** 495885.521, 3759348.965, 695.00, 3.49, 6.51
** 495995.985, 3759290.547, 694.03, 3.49, 6.51
** 496107.512, 3759226.817, 695.00, 3.49, 6.51
** 496153.185, 3759197.077, 695.00, 3.49, 6.51
** 496216.914, 3759145.031, 695.00, 3.49, 6.51
** 496362.430, 3759013.323, 695.04, 3.49, 6.51
** 496484.842, 3758902.040, 702.15, 3.49, 6.51
** 496563.280, 3758837.785, 705.09, 3.49, 6.51
** 496612.485, 3758805.946, 705.13, 3.49, 6.51
** 496660.532, 3758782.212, 705.09, 3.49, 6.51
** 496695.943, 3758771.392, 705.13, 3.49, 6.51
** 496743.616, 3758756.569, 706.06, 3.49, 6.51
** 496784.478, 3758747.355, 706.03, 3.49, 6.51
** 496810.518, 3758740.945, 706.98, 3.49, 6.51
** 496827.745, 3758734.535, 706.95, 3.49, 6.51
** 496847.775, 3758720.914, 708.02, 3.49, 6.51
** 496864.601, 3758703.688, 708.94, 3.49, 6.51
** 496877.421, 3758685.660, 709.06, 3.49, 6.51
** 496881.427, 3758667.232, 710.52, 3.49, 6.51

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LOCATION L0004110	VOLUME	495891.709	3759345.693	695.00	
LOCATION L0004111	VOLUME	495904.085	3759339.148	695.00	
LOCATION L0004112	VOLUME	495916.461	3759332.603	694.89	
LOCATION L0004113	VOLUME	495928.837	3759326.058	694.80	
LOCATION L0004114	VOLUME	495941.213	3759319.513	694.87	
LOCATION L0004115	VOLUME	495953.588	3759312.968	694.50	
LOCATION L0004116	VOLUME	495965.964	3759306.423	694.10	
LOCATION L0004117	VOLUME	495978.340	3759299.878	694.00	
LOCATION L0004118	VOLUME	495990.716	3759293.333	694.00	
LOCATION L0004119	VOLUME	496002.966	3759286.558	694.00	
LOCATION L0004120	VOLUME	496015.121	3759279.612	694.22	
LOCATION L0004121	VOLUME	496027.276	3759272.666	694.45	
LOCATION L0004122	VOLUME	496039.432	3759265.720	694.68	
LOCATION L0004123	VOLUME	496051.587	3759258.774	694.91	
LOCATION L0004124	VOLUME	496063.743	3759251.828	695.00	
LOCATION L0004125	VOLUME	496075.898	3759244.882	695.00	
LOCATION L0004126	VOLUME	496088.053	3759237.936	695.00	
LOCATION L0004127	VOLUME	496100.209	3759230.990	695.00	
LOCATION L0004128	VOLUME	496112.195	3759223.768	695.00	
LOCATION L0004129	VOLUME	496123.927	3759216.128	695.00	
LOCATION L0004130	VOLUME	496135.659	3759208.489	695.00	
LOCATION L0004131	VOLUME	496147.391	3759200.849	695.00	



LOCATION L0004132	VOLUME	496158.673	3759192.594	695.00
LOCATION L0004133	VOLUME	496169.517	3759183.739	695.00
LOCATION L0004134	VOLUME	496180.360	3759174.884	695.00
LOCATION L0004135	VOLUME	496191.204	3759166.028	695.00
LOCATION L0004136	VOLUME	496202.047	3759157.173	695.00
LOCATION L0004137	VOLUME	496212.891	3759148.317	695.00
LOCATION L0004138	VOLUME	496223.442	3759139.122	695.00
LOCATION L0004139	VOLUME	496233.822	3759129.728	695.00
LOCATION L0004140	VOLUME	496244.202	3759120.333	695.00
LOCATION L0004141	VOLUME	496254.581	3759110.938	695.00
LOCATION L0004142	VOLUME	496264.961	3759101.543	695.00
LOCATION L0004143	VOLUME	496275.341	3759092.149	695.00
LOCATION L0004144	VOLUME	496285.721	3759082.754	695.00
LOCATION L0004145	VOLUME	496296.100	3759073.359	695.01
LOCATION L0004146	VOLUME	496306.480	3759063.964	695.00
LOCATION L0004147	VOLUME	496316.860	3759054.569	695.00
LOCATION L0004148	VOLUME	496327.239	3759045.175	695.04
LOCATION L0004149	VOLUME	496337.619	3759035.780	695.26
LOCATION L0004150	VOLUME	496347.999	3759026.385	695.27
LOCATION L0004151	VOLUME	496358.379	3759016.990	695.07
LOCATION L0004152	VOLUME	496368.746	3759007.582	695.49
LOCATION L0004153	VOLUME	496379.105	3758998.164	695.83
LOCATION L0004154	VOLUME	496389.464	3758988.747	695.94
LOCATION L0004155	VOLUME	496399.823	3758979.330	696.68
LOCATION L0004156	VOLUME	496410.182	3758969.912	697.63
LOCATION L0004157	VOLUME	496420.542	3758960.495	698.57
LOCATION L0004158	VOLUME	496430.901	3758951.078	698.88
LOCATION L0004159	VOLUME	496441.260	3758941.660	699.13
LOCATION L0004160	VOLUME	496451.619	3758932.243	699.63
LOCATION L0004161	VOLUME	496461.978	3758922.825	700.63
LOCATION L0004162	VOLUME	496472.338	3758913.408	701.39
LOCATION L0004163	VOLUME	496482.697	3758903.991	701.74
LOCATION L0004164	VOLUME	496493.429	3758895.006	702.10
LOCATION L0004165	VOLUME	496504.259	3758886.134	702.74
LOCATION L0004166	VOLUME	496515.089	3758877.262	703.32
LOCATION L0004167	VOLUME	496525.920	3758868.390	703.89
LOCATION L0004168	VOLUME	496536.750	3758859.518	704.47
LOCATION L0004169	VOLUME	496547.580	3758850.646	704.80
LOCATION L0004170	VOLUME	496558.410	3758841.775	705.03
LOCATION L0004171	VOLUME	496569.748	3758833.600	705.11
LOCATION L0004172	VOLUME	496581.502	3758825.994	704.97
LOCATION L0004173	VOLUME	496593.256	3758818.389	704.83
LOCATION L0004174	VOLUME	496605.010	3758810.783	704.87
LOCATION L0004175	VOLUME	496617.055	3758803.689	705.08
LOCATION L0004176	VOLUME	496629.607	3758797.489	705.29
LOCATION L0004177	VOLUME	496642.159	3758791.288	705.30
LOCATION L0004178	VOLUME	496654.711	3758785.088	705.13
LOCATION L0004179	VOLUME	496667.712	3758780.018	705.00
LOCATION L0004180	VOLUME	496681.101	3758775.927	705.01
LOCATION L0004181	VOLUME	496694.489	3758771.836	705.26
LOCATION L0004182	VOLUME	496707.860	3758767.686	705.70
LOCATION L0004183	VOLUME	496721.229	3758763.530	706.00
LOCATION L0004184	VOLUME	496734.598	3758759.373	706.00
LOCATION L0004185	VOLUME	496748.060	3758755.567	706.00
LOCATION L0004186	VOLUME	496761.717	3758752.487	706.08
LOCATION L0004187	VOLUME	496775.374	3758749.408	706.09
LOCATION L0004188	VOLUME	496789.011	3758746.239	706.29
LOCATION L0004189	VOLUME	496802.605	3758742.893	706.74
LOCATION L0004190	VOLUME	496816.001	3758738.905	707.04
LOCATION L0004191	VOLUME	496828.960	3758733.709	707.26
LOCATION L0004192	VOLUME	496840.537	3758725.836	707.68
LOCATION L0004193	VOLUME	496851.442	3758717.161	708.34
LOCATION L0004194	VOLUME	496861.224	3758707.145	708.60
LOCATION L0004195	VOLUME	496869.913	3758696.217	708.97
LOCATION L0004196	VOLUME	496877.643	3758684.638	709.29
LOCATION L0004197	VOLUME	496880.617	3758670.958	709.85

\*\* End of LINE VOLUME Source ID = SLINE17

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\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE18

\*\* DESCRSRC TTP CV 2% E

\*\* PREFIX

\*\* Length of Side = 8.59

\*\* Configuration = Adjacent

\*\* Emission Rate = 3.337E-07

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 3

\*\* 496881.654, 3758659.847, 710.46, 3.49, 4.00

\*\* 497125.077, 3758668.212, 717.92, 3.49, 4.00

\*\* 497202.808, 3758669.988, 721.76, 3.49, 4.00

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LOCATION L0004198	VOLUME	496885.946	3758659.994	710.39
LOCATION L0004199	VOLUME	496894.531	3758660.289	710.66
LOCATION L0004200	VOLUME	496903.116	3758660.584	710.94
LOCATION L0004201	VOLUME	496911.701	3758660.879	711.22
LOCATION L0004202	VOLUME	496920.286	3758661.174	711.49
LOCATION L0004203	VOLUME	496928.871	3758661.469	711.77
LOCATION L0004204	VOLUME	496937.456	3758661.764	712.05
LOCATION L0004205	VOLUME	496946.041	3758662.059	712.32
LOCATION L0004206	VOLUME	496954.626	3758662.354	712.60
LOCATION L0004207	VOLUME	496963.211	3758662.649	712.90
LOCATION L0004208	VOLUME	496971.795	3758662.944	713.24
LOCATION L0004209	VOLUME	496980.380	3758663.239	713.58
LOCATION L0004210	VOLUME	496988.965	3758663.534	713.94
LOCATION L0004211	VOLUME	496997.550	3758663.829	714.24
LOCATION L0004212	VOLUME	497006.135	3758664.124	714.52
LOCATION L0004213	VOLUME	497014.720	3758664.419	714.81
LOCATION L0004214	VOLUME	497023.305	3758664.714	715.09
LOCATION L0004215	VOLUME	497031.890	3758665.009	715.38
LOCATION L0004216	VOLUME	497040.475	3758665.305	715.67
LOCATION L0004217	VOLUME	497049.060	3758665.600	715.95
LOCATION L0004218	VOLUME	497057.645	3758665.895	716.56
LOCATION L0004219	VOLUME	497066.230	3758666.190	717.23
LOCATION L0004220	VOLUME	497074.815	3758666.485	717.90
LOCATION L0004221	VOLUME	497083.400	3758666.780	718.35
LOCATION L0004222	VOLUME	497091.985	3758667.075	718.36
LOCATION L0004223	VOLUME	497100.569	3758667.370	718.37
LOCATION L0004224	VOLUME	497109.154	3758667.665	718.38
LOCATION L0004225	VOLUME	497117.739	3758667.960	718.39
LOCATION L0004226	VOLUME	497126.325	3758668.240	718.40
LOCATION L0004227	VOLUME	497134.912	3758668.437	718.41
LOCATION L0004228	VOLUME	497143.500	3758668.633	718.52
LOCATION L0004229	VOLUME	497152.088	3758668.829	718.81
LOCATION L0004230	VOLUME	497160.676	3758669.025	719.10
LOCATION L0004231	VOLUME	497169.263	3758669.221	719.39
LOCATION L0004232	VOLUME	497177.851	3758669.418	719.93
LOCATION L0004233	VOLUME	497186.439	3758669.614	720.51
LOCATION L0004234	VOLUME	497195.027	3758669.810	721.09

\*\* End of LINE VOLUME Source ID = SLINE18

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\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE19

\*\* DESCRSRC TTP CV 28%

\*\* PREFIX

\*\* Length of Side = 8.59

\*\* Configuration = Adjacent

\*\* Emission Rate = 3.852E-06

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 9

\*\* 496878.298, 3758659.171, 710.27, 3.49, 4.00

\*\* 496818.605, 3758656.366, 715.48, 3.49, 4.00  
\*\* 496784.551, 3758653.963, 716.08, 3.49, 4.00  
\*\* 496740.482, 3758646.351, 716.60, 3.49, 4.00  
\*\* 496720.050, 3758639.540, 718.62, 3.49, 4.00  
\*\* 496696.413, 3758631.928, 716.34, 3.49, 4.00  
\*\* 496675.580, 3758621.512, 716.80, 3.49, 4.00  
\*\* 496647.536, 3758603.884, 718.95, 3.49, 4.00  
\*\* 496627.905, 3758591.064, 718.96, 3.49, 4.00

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LOCATION L0004235 VOLUME 496874.008 3758658.969 710.02  
LOCATION L0004236 VOLUME 496865.428 3758658.566 709.89  
LOCATION L0004237 VOLUME 496856.847 3758658.163 709.87  
LOCATION L0004238 VOLUME 496848.266 3758657.760 709.87  
LOCATION L0004239 VOLUME 496839.686 3758657.357 710.03  
LOCATION L0004240 VOLUME 496831.105 3758656.954 711.75  
LOCATION L0004241 VOLUME 496822.525 3758656.550 713.51  
LOCATION L0004242 VOLUME 496813.951 3758656.038 715.32  
LOCATION L0004243 VOLUME 496805.382 3758655.433 716.07  
LOCATION L0004244 VOLUME 496796.813 3758654.828 716.13  
LOCATION L0004245 VOLUME 496788.245 3758654.223 716.19  
LOCATION L0004246 VOLUME 496779.735 3758653.131 716.31  
LOCATION L0004247 VOLUME 496771.271 3758651.669 716.50  
LOCATION L0004248 VOLUME 496762.806 3758650.207 716.71  
LOCATION L0004249 VOLUME 496754.341 3758648.744 716.96  
LOCATION L0004250 VOLUME 496745.877 3758647.282 717.03  
LOCATION L0004251 VOLUME 496737.526 3758645.365 717.01  
LOCATION L0004252 VOLUME 496729.377 3758642.649 717.10  
LOCATION L0004253 VOLUME 496721.228 3758639.933 717.19  
LOCATION L0004254 VOLUME 496713.055 3758637.287 716.87  
LOCATION L0004255 VOLUME 496704.879 3758634.654 716.46  
LOCATION L0004256 VOLUME 496696.702 3758632.021 716.00  
LOCATION L0004257 VOLUME 496689.002 3758628.223 715.84  
LOCATION L0004258 VOLUME 496681.319 3758624.381 716.34  
LOCATION L0004259 VOLUME 496673.740 3758620.355 716.77  
LOCATION L0004260 VOLUME 496666.467 3758615.783 717.35  
LOCATION L0004261 VOLUME 496659.194 3758611.212 718.00  
LOCATION L0004262 VOLUME 496651.922 3758606.641 718.30  
LOCATION L0004263 VOLUME 496644.681 3758602.019 718.61  
LOCATION L0004264 VOLUME 496637.489 3758597.323 718.92  
LOCATION L0004265 VOLUME 496630.297 3758592.626 719.00

\*\* End of LINE VOLUME Source ID = SLINE19

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\*\* Line Source Represented by Adjacent Volume Sources  
\*\* LINE VOLUME Source ID = SLINE20  
\*\* DESCRSRC TTP CV W 2%  
\*\* PREFIX  
\*\* Length of Side = 14.00  
\*\* Configuration = Adjacent  
\*\* Emission Rate = 4.25E-07  
\*\* Vertical Dimension = 6.99  
\*\* SZINIT = 3.25  
\*\* Nodes = 8  
\*\* 496625.101, 3758589.061, 718.91, 3.49, 6.51  
\*\* 496581.031, 3758549.799, 719.58, 3.49, 6.51  
\*\* 496549.382, 3758515.745, 718.93, 3.49, 6.51  
\*\* 496515.729, 3758467.269, 718.15, 3.49, 6.51  
\*\* 496480.473, 3758410.380, 719.00, 3.49, 6.51  
\*\* 496466.852, 3758373.121, 719.91, 3.49, 6.51  
\*\* 496456.436, 3758322.642, 719.00, 3.49, 6.51  
\*\* 496448.423, 3758236.507, 718.00, 3.49, 6.51

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LOCATION L0004266 VOLUME 496619.874 3758584.404 718.92  
LOCATION L0004267 VOLUME 496609.421 3758575.091 719.28  
LOCATION L0004268 VOLUME 496598.968 3758565.778 720.01  
LOCATION L0004269 VOLUME 496588.514 3758556.465 720.07  
LOCATION L0004270 VOLUME 496578.323 3758546.885 719.69

LOCATION	VOLUME				
L0004271	496568.792	3758536.630	719.02		
L0004272	496559.261	3758526.375	719.00		
L0004273	496549.730	3758516.120	719.00		
L0004274	496541.690	3758504.666	718.95		
L0004275	496533.706	3758493.165	718.57		
L0004276	496525.722	3758481.665	718.18		
L0004277	496517.739	3758470.164	718.20		
L0004278	496510.211	3758458.365	718.59		
L0004279	496502.836	3758446.465	718.99		
L0004280	496495.461	3758434.565	719.00		
L0004281	496488.086	3758422.664	719.00		
L0004282	496480.712	3758410.764	719.00		
L0004283	496475.822	3758397.656	719.10		
L0004284	496471.015	3758384.507	719.52		
L0004285	496466.473	3758371.283	721.02		
L0004286	496463.643	3758357.572	722.19		
L0004287	496460.814	3758343.860	720.79		
L0004288	496457.985	3758330.149	719.36		
L0004289	496455.849	3758316.335	719.00		
L0004290	496454.552	3758302.395	719.00		
L0004291	496453.255	3758288.455	719.00		
L0004292	496451.959	3758274.515	719.00		
L0004293	496450.662	3758260.575	718.81		
L0004294	496449.365	3758246.636	718.35		

\*\* End of LINE VOLUME Source ID = SLINE20

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\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE25

\*\* DESCRSRC TTP Calimesa 70%

\*\* PREFIX

\*\* Length of Side = 14.00

\*\* Configuration = Adjacent

\*\* Emission Rate = 0.000024

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 14

\*\* 495882.693, 3759350.477, 695.00, 3.49, 6.51

\*\* 495784.495, 3759412.058, 695.09, 3.49, 6.51

\*\* 495725.133, 3759453.112, 697.49, 3.49, 6.51

\*\* 495663.552, 3759506.926, 696.76, 3.49, 6.51

\*\* 495633.594, 3759539.659, 697.02, 3.49, 6.51

\*\* 495608.073, 3759574.610, 698.00, 3.49, 6.51

\*\* 495592.539, 3759621.767, 698.30, 3.49, 6.51

\*\* 495584.772, 3759658.383, 698.93, 3.49, 6.51

\*\* 495592.539, 3759700.547, 699.87, 3.49, 6.51

\*\* 495601.416, 3759729.395, 700.65, 3.49, 6.51

\*\* 495621.388, 3759768.785, 701.23, 3.49, 6.51

\*\* 495631.929, 3759806.511, 702.00, 3.49, 6.51

\*\* 495632.484, 3759840.353, 703.07, 3.49, 6.51

\*\* 495628.046, 3759865.318, 703.00, 3.49, 6.51

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LOCATION L0004295	VOLUME 495876.762	3759354.196	695.00		
LOCATION L0004296	VOLUME 495864.902	3759361.634	695.00		
LOCATION L0004297	VOLUME 495853.041	3759369.072	695.00		
LOCATION L0004298	VOLUME 495841.180	3759376.510	695.00		
LOCATION L0004299	VOLUME 495829.320	3759383.948	695.00		
LOCATION L0004300	VOLUME 495817.459	3759391.386	695.00		
LOCATION L0004301	VOLUME 495805.598	3759398.824	695.00		
LOCATION L0004302	VOLUME 495793.738	3759406.262	695.00		
LOCATION L0004303	VOLUME 495781.953	3759413.816	695.46		
LOCATION L0004304	VOLUME 495770.439	3759421.779	695.84		
LOCATION L0004305	VOLUME 495758.924	3759429.743	696.04		
LOCATION L0004306	VOLUME 495747.410	3759437.706	696.48		
LOCATION L0004307	VOLUME 495735.895	3759445.669	697.13		
LOCATION L0004308	VOLUME 495724.444	3759453.714	697.39		
LOCATION L0004309	VOLUME 495713.902	3759462.927	697.34		

LOCATION	VOLUME				
LOCATION L0004310	VOLUME	495703.360	3759472.139	697.08	
LOCATION L0004311	VOLUME	495692.818	3759481.351	696.87	
LOCATION L0004312	VOLUME	495682.276	3759490.564	696.89	
LOCATION L0004313	VOLUME	495671.734	3759499.776	697.12	
LOCATION L0004314	VOLUME	495661.436	3759509.238	697.14	
LOCATION L0004315	VOLUME	495651.984	3759519.565	697.16	
LOCATION L0004316	VOLUME	495642.532	3759529.893	697.19	
LOCATION L0004317	VOLUME	495633.145	3759540.273	697.47	
LOCATION L0004318	VOLUME	495624.889	3759551.580	697.85	
LOCATION L0004319	VOLUME	495616.633	3759562.887	698.00	
LOCATION L0004320	VOLUME	495608.377	3759574.194	697.97	
LOCATION L0004321	VOLUME	495603.855	3759587.418	698.03	
LOCATION L0004322	VOLUME	495599.474	3759600.715	698.31	
LOCATION L0004323	VOLUME	495595.094	3759614.012	698.45	
LOCATION L0004324	VOLUME	495591.329	3759627.475	698.60	
LOCATION L0004325	VOLUME	495588.424	3759641.170	698.88	
LOCATION L0004326	VOLUME	495585.519	3759654.865	699.05	
LOCATION L0004327	VOLUME	495586.657	3759668.615	699.16	
LOCATION L0004328	VOLUME	495589.194	3759682.383	699.44	
LOCATION L0004329	VOLUME	495591.730	3759696.152	699.79	
LOCATION L0004330	VOLUME	495595.342	3759709.656	700.06	
LOCATION L0004331	VOLUME	495599.460	3759723.037	700.36	
LOCATION L0004332	VOLUME	495604.739	3759735.949	700.80	
LOCATION L0004333	VOLUME	495611.070	3759748.435	701.00	
LOCATION L0004334	VOLUME	495617.401	3759760.922	701.15	
LOCATION L0004335	VOLUME	495622.783	3759773.778	701.56	
LOCATION L0004336	VOLUME	495626.551	3759787.261	701.86	
LOCATION L0004337	VOLUME	495630.318	3759800.745	702.15	
LOCATION L0004338	VOLUME	495632.061	3759814.523	702.61	
LOCATION L0004339	VOLUME	495632.290	3759828.521	703.00	
LOCATION L0004340	VOLUME	495632.105	3759842.486	703.00	
LOCATION L0004341	VOLUME	495629.654	3759856.270	703.00	

\*\* End of LINE VOLUME Source ID = SLINE25

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\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE26

\*\* DESCRSRC TTP Singleton 2%

\*\* PREFIX

\*\* Length of Side = 14.00

\*\* Configuration = Adjacent

\*\* Emission Rate = 1.697E-06

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 18

\*\* 495624.717, 3759870.866, 703.66, 3.49, 6.51

\*\* 495696.839, 3759893.612, 703.94, 3.49, 6.51

\*\* 495790.598, 3759932.447, 706.66, 3.49, 6.51

\*\* 495874.926, 3759985.707, 708.95, 3.49, 6.51

\*\* 495912.096, 3760018.439, 711.06, 3.49, 6.51

\*\* 495967.020, 3760072.253, 715.93, 3.49, 6.51

\*\* 496037.478, 3760152.142, 717.99, 3.49, 6.51

\*\* 496093.511, 3760215.388, 719.05, 3.49, 6.51

\*\* 496226.660, 3760367.954, 731.00, 3.49, 6.51

\*\* 496359.809, 3760518.856, 735.99, 3.49, 6.51

\*\* 496403.082, 3760564.348, 741.96, 3.49, 6.51

\*\* 496459.115, 3760634.252, 752.33, 3.49, 6.51

\*\* 496512.930, 3760715.250, 769.04, 3.49, 6.51

\*\* 496556.758, 3760787.373, 760.72, 3.49, 6.51

\*\* 496603.915, 3760882.796, 767.63, 3.49, 6.51

\*\* 496638.311, 3760959.911, 789.44, 3.49, 6.51

\*\* 496671.598, 3761054.779, 763.63, 3.49, 6.51

\*\* 496674.372, 3761064.766, 763.90, 3.49, 6.51

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LOCATION L0004342	VOLUME	495631.393	3759872.971	703.56	
LOCATION L0004343	VOLUME	495644.745	3759877.182	703.64	
LOCATION L0004344	VOLUME	495658.096	3759881.393	703.44	

LOCATION	L0004345	VOLUME	495671.448	3759885.604	703.05
LOCATION	L0004346	VOLUME	495684.800	3759889.815	703.60
LOCATION	L0004347	VOLUME	495698.110	3759894.139	704.19
LOCATION	L0004348	VOLUME	495711.045	3759899.496	704.64
LOCATION	L0004349	VOLUME	495723.979	3759904.853	704.92
LOCATION	L0004350	VOLUME	495736.914	3759910.211	705.17
LOCATION	L0004351	VOLUME	495749.848	3759915.568	705.63
LOCATION	L0004352	VOLUME	495762.782	3759920.926	706.01
LOCATION	L0004353	VOLUME	495775.717	3759926.283	706.17
LOCATION	L0004354	VOLUME	495788.651	3759931.641	706.49
LOCATION	L0004355	VOLUME	495800.653	3759938.798	707.10
LOCATION	L0004356	VOLUME	495812.490	3759946.274	707.74
LOCATION	L0004357	VOLUME	495824.327	3759953.749	708.25
LOCATION	L0004358	VOLUME	495836.164	3759961.225	708.50
LOCATION	L0004359	VOLUME	495848.000	3759968.701	708.75
LOCATION	L0004360	VOLUME	495859.837	3759976.177	709.00
LOCATION	L0004361	VOLUME	495871.674	3759983.653	709.43
LOCATION	L0004362	VOLUME	495882.546	3759992.417	710.11
LOCATION	L0004363	VOLUME	495893.053	3760001.670	710.76
LOCATION	L0004364	VOLUME	495903.560	3760010.922	711.32
LOCATION	L0004365	VOLUME	495913.972	3760020.277	712.06
LOCATION	L0004366	VOLUME	495923.972	3760030.075	713.04
LOCATION	L0004367	VOLUME	495933.972	3760039.873	714.06
LOCATION	L0004368	VOLUME	495943.972	3760049.671	714.96
LOCATION	L0004369	VOLUME	495953.972	3760059.469	715.65
LOCATION	L0004370	VOLUME	495963.972	3760069.267	716.12
LOCATION	L0004371	VOLUME	495973.458	3760079.552	716.30
LOCATION	L0004372	VOLUME	495982.718	3760090.052	716.06
LOCATION	L0004373	VOLUME	495991.978	3760100.552	715.67
LOCATION	L0004374	VOLUME	496001.238	3760111.052	715.52
LOCATION	L0004375	VOLUME	496010.499	3760121.552	716.18
LOCATION	L0004376	VOLUME	496019.759	3760132.052	716.84
LOCATION	L0004377	VOLUME	496029.019	3760142.552	717.50
LOCATION	L0004378	VOLUME	496038.282	3760153.050	718.16
LOCATION	L0004379	VOLUME	496047.566	3760163.529	718.57
LOCATION	L0004380	VOLUME	496056.850	3760174.008	718.88
LOCATION	L0004381	VOLUME	496066.134	3760184.486	719.19
LOCATION	L0004382	VOLUME	496075.418	3760194.965	719.35
LOCATION	L0004383	VOLUME	496084.702	3760205.444	719.29
LOCATION	L0004384	VOLUME	496093.981	3760215.927	719.36
LOCATION	L0004385	VOLUME	496103.187	3760226.475	721.01
LOCATION	L0004386	VOLUME	496112.392	3760237.023	722.26
LOCATION	L0004387	VOLUME	496121.598	3760247.571	723.23
LOCATION	L0004388	VOLUME	496130.803	3760258.119	724.94
LOCATION	L0004389	VOLUME	496140.009	3760268.667	726.65
LOCATION	L0004390	VOLUME	496149.214	3760279.214	727.98
LOCATION	L0004391	VOLUME	496158.420	3760289.762	728.12
LOCATION	L0004392	VOLUME	496167.625	3760300.310	728.46
LOCATION	L0004393	VOLUME	496176.831	3760310.858	729.07
LOCATION	L0004394	VOLUME	496186.036	3760321.406	729.70
LOCATION	L0004395	VOLUME	496195.242	3760331.954	730.35
LOCATION	L0004396	VOLUME	496204.447	3760342.502	730.84
LOCATION	L0004397	VOLUME	496213.653	3760353.050	731.00
LOCATION	L0004398	VOLUME	496222.858	3760363.598	731.00
LOCATION	L0004399	VOLUME	496232.097	3760374.117	731.38
LOCATION	L0004400	VOLUME	496241.360	3760384.614	732.20
LOCATION	L0004401	VOLUME	496250.623	3760395.112	732.28
LOCATION	L0004402	VOLUME	496259.885	3760405.610	731.48
LOCATION	L0004403	VOLUME	496269.148	3760416.107	731.03
LOCATION	L0004404	VOLUME	496278.411	3760426.605	731.00
LOCATION	L0004405	VOLUME	496287.673	3760437.103	731.00
LOCATION	L0004406	VOLUME	496296.936	3760447.601	731.00
LOCATION	L0004407	VOLUME	496306.199	3760458.098	731.09
LOCATION	L0004408	VOLUME	496315.462	3760468.596	731.83
LOCATION	L0004409	VOLUME	496324.724	3760479.094	733.00
LOCATION	L0004410	VOLUME	496333.987	3760489.592	734.13

LOCATION	VOLUME				
LOCATION L0004411	VOLUME	496343.250	3760500.089	734.66	
LOCATION L0004412	VOLUME	496352.512	3760510.587	735.41	
LOCATION L0004413	VOLUME	496361.857	3760521.010	736.69	
LOCATION L0004414	VOLUME	496371.506	3760531.153	738.18	
LOCATION L0004415	VOLUME	496381.155	3760541.297	739.46	
LOCATION L0004416	VOLUME	496390.804	3760551.441	740.52	
LOCATION L0004417	VOLUME	496400.453	3760561.585	741.37	
LOCATION L0004418	VOLUME	496409.453	3760572.296	742.06	
LOCATION L0004419	VOLUME	496418.209	3760583.220	743.13	
LOCATION L0004420	VOLUME	496426.965	3760594.143	743.83	
LOCATION L0004421	VOLUME	496435.721	3760605.067	744.34	
LOCATION L0004422	VOLUME	496444.478	3760615.991	747.52	
LOCATION L0004423	VOLUME	496453.234	3760626.915	750.02	
LOCATION L0004424	VOLUME	496461.659	3760638.080	751.42	
LOCATION L0004425	VOLUME	496469.406	3760649.741	754.42	
LOCATION L0004426	VOLUME	496477.154	3760661.402	758.23	
LOCATION L0004427	VOLUME	496484.901	3760673.063	761.88	
LOCATION L0004428	VOLUME	496492.649	3760684.724	764.91	
LOCATION L0004429	VOLUME	496500.396	3760696.385	767.66	
LOCATION L0004430	VOLUME	496508.143	3760708.046	767.98	
LOCATION L0004431	VOLUME	496515.708	3760719.823	769.81	
LOCATION L0004432	VOLUME	496522.979	3760731.787	768.93	
LOCATION L0004433	VOLUME	496530.249	3760743.751	765.19	
LOCATION L0004434	VOLUME	496537.520	3760755.715	763.00	
LOCATION L0004435	VOLUME	496544.790	3760767.679	761.83	
LOCATION L0004436	VOLUME	496552.061	3760779.644	760.67	
LOCATION L0004437	VOLUME	496558.953	3760791.815	760.11	
LOCATION L0004438	VOLUME	496565.156	3760804.366	759.03	
LOCATION L0004439	VOLUME	496571.358	3760816.918	757.39	
LOCATION L0004440	VOLUME	496577.561	3760829.469	759.03	
LOCATION L0004441	VOLUME	496583.764	3760842.020	759.97	
LOCATION L0004442	VOLUME	496589.966	3760854.571	763.05	
LOCATION L0004443	VOLUME	496596.169	3760867.122	765.97	
LOCATION L0004444	VOLUME	496602.371	3760879.673	768.19	
LOCATION L0004445	VOLUME	496608.198	3760892.400	772.16	
LOCATION L0004446	VOLUME	496613.901	3760905.186	776.25	
LOCATION L0004447	VOLUME	496619.604	3760917.972	781.42	
LOCATION L0004448	VOLUME	496625.307	3760930.757	784.95	
LOCATION L0004449	VOLUME	496631.010	3760943.543	786.88	
LOCATION L0004450	VOLUME	496636.713	3760956.329	788.35	
LOCATION L0004451	VOLUME	496641.648	3760969.420	789.70	
LOCATION L0004452	VOLUME	496646.283	3760982.631	787.27	
LOCATION L0004453	VOLUME	496650.918	3760995.841	785.11	
LOCATION L0004454	VOLUME	496655.554	3761009.051	780.65	
LOCATION L0004455	VOLUME	496660.189	3761022.262	776.40	
LOCATION L0004456	VOLUME	496664.824	3761035.472	771.41	
LOCATION L0004457	VOLUME	496669.459	3761048.683	766.15	
LOCATION L0004458	VOLUME	496673.616	3761062.043	763.43	

\*\* End of LINE VOLUME Source ID = SLINE26

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\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE36

\*\* DESCRSRC WH Singleton 4%

\*\* PREFIX

\*\* Length of Side = 14.00

\*\* Configuration = Adjacent

\*\* Emission Rate = 2.719E-06

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 18

\*\* 495624.717, 3759870.866, 703.66, 3.49, 6.51

\*\* 495696.839, 3759893.612, 703.94, 3.49, 6.51

\*\* 495790.598, 3759932.447, 706.66, 3.49, 6.51

\*\* 495874.926, 3759985.707, 708.95, 3.49, 6.51

\*\* 495912.096, 3760018.439, 711.06, 3.49, 6.51

\*\* 495967.020, 3760072.253, 715.93, 3.49, 6.51

\*\* 496037.478, 3760152.142, 717.99, 3.49, 6.51  
 \*\* 496093.511, 3760215.388, 719.05, 3.49, 6.51  
 \*\* 496226.660, 3760367.954, 731.00, 3.49, 6.51  
 \*\* 496359.809, 3760518.856, 735.99, 3.49, 6.51  
 \*\* 496403.082, 3760564.348, 741.96, 3.49, 6.51  
 \*\* 496459.115, 3760634.252, 752.33, 3.49, 6.51  
 \*\* 496512.930, 3760715.250, 769.04, 3.49, 6.51  
 \*\* 496556.758, 3760787.373, 760.72, 3.49, 6.51  
 \*\* 496603.915, 3760882.796, 767.63, 3.49, 6.51  
 \*\* 496638.311, 3760959.911, 789.44, 3.49, 6.51  
 \*\* 496671.598, 3761054.779, 763.63, 3.49, 6.51  
 \*\* 496674.372, 3761064.766, 763.90, 3.49, 6.51

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LOCATION	L0005976	VOLUME	495631.393	3759872.971	703.56
LOCATION	L0005977	VOLUME	495644.745	3759877.182	703.64
LOCATION	L0005978	VOLUME	495658.096	3759881.393	703.44
LOCATION	L0005979	VOLUME	495671.448	3759885.604	703.05
LOCATION	L0005980	VOLUME	495684.800	3759889.815	703.60
LOCATION	L0005981	VOLUME	495698.110	3759894.139	704.19
LOCATION	L0005982	VOLUME	495711.045	3759899.496	704.64
LOCATION	L0005983	VOLUME	495723.979	3759904.853	704.92
LOCATION	L0005984	VOLUME	495736.914	3759910.211	705.17
LOCATION	L0005985	VOLUME	495749.848	3759915.568	705.63
LOCATION	L0005986	VOLUME	495762.782	3759920.926	706.01
LOCATION	L0005987	VOLUME	495775.717	3759926.283	706.17
LOCATION	L0005988	VOLUME	495788.651	3759931.641	706.49
LOCATION	L0005989	VOLUME	495800.653	3759938.798	707.10
LOCATION	L0005990	VOLUME	495812.490	3759946.274	707.74
LOCATION	L0005991	VOLUME	495824.327	3759953.749	708.25
LOCATION	L0005992	VOLUME	495836.164	3759961.225	708.50
LOCATION	L0005993	VOLUME	495848.000	3759968.701	708.75
LOCATION	L0005994	VOLUME	495859.837	3759976.177	709.00
LOCATION	L0005995	VOLUME	495871.674	3759983.653	709.43
LOCATION	L0005996	VOLUME	495882.546	3759992.417	710.11
LOCATION	L0005997	VOLUME	495893.053	3760001.670	710.76
LOCATION	L0005998	VOLUME	495903.560	3760010.922	711.32
LOCATION	L0005999	VOLUME	495913.972	3760020.277	712.06
LOCATION	L0006000	VOLUME	495923.972	3760030.075	713.04
LOCATION	L0006001	VOLUME	495933.972	3760039.873	714.06
LOCATION	L0006002	VOLUME	495943.972	3760049.671	714.96
LOCATION	L0006003	VOLUME	495953.972	3760059.469	715.65
LOCATION	L0006004	VOLUME	495963.972	3760069.267	716.12
LOCATION	L0006005	VOLUME	495973.458	3760079.552	716.30
LOCATION	L0006006	VOLUME	495982.718	3760090.052	716.06
LOCATION	L0006007	VOLUME	495991.978	3760100.552	715.67
LOCATION	L0006008	VOLUME	496001.238	3760111.052	715.52
LOCATION	L0006009	VOLUME	496010.499	3760121.552	716.18
LOCATION	L0006010	VOLUME	496019.759	3760132.052	716.84
LOCATION	L0006011	VOLUME	496029.019	3760142.552	717.50
LOCATION	L0006012	VOLUME	496038.282	3760153.050	718.16
LOCATION	L0006013	VOLUME	496047.566	3760163.529	718.57
LOCATION	L0006014	VOLUME	496056.850	3760174.008	718.88
LOCATION	L0006015	VOLUME	496066.134	3760184.486	719.19
LOCATION	L0006016	VOLUME	496075.418	3760194.965	719.35
LOCATION	L0006017	VOLUME	496084.702	3760205.444	719.29
LOCATION	L0006018	VOLUME	496093.981	3760215.927	719.36
LOCATION	L0006019	VOLUME	496103.187	3760226.475	721.01
LOCATION	L0006020	VOLUME	496112.392	3760237.023	722.26
LOCATION	L0006021	VOLUME	496121.598	3760247.571	723.23
LOCATION	L0006022	VOLUME	496130.803	3760258.119	724.94
LOCATION	L0006023	VOLUME	496140.009	3760268.667	726.65
LOCATION	L0006024	VOLUME	496149.214	3760279.214	727.98
LOCATION	L0006025	VOLUME	496158.420	3760289.762	728.12
LOCATION	L0006026	VOLUME	496167.625	3760300.310	728.46
LOCATION	L0006027	VOLUME	496176.831	3760310.858	729.07
LOCATION	L0006028	VOLUME	496186.036	3760321.406	729.70



LOCATION L0006029	VOLUME	496195.242	3760331.954	730.35
LOCATION L0006030	VOLUME	496204.447	3760342.502	730.84
LOCATION L0006031	VOLUME	496213.653	3760353.050	731.00
LOCATION L0006032	VOLUME	496222.858	3760363.598	731.00
LOCATION L0006033	VOLUME	496232.097	3760374.117	731.38
LOCATION L0006034	VOLUME	496241.360	3760384.614	732.20
LOCATION L0006035	VOLUME	496250.623	3760395.112	732.28
LOCATION L0006036	VOLUME	496259.885	3760405.610	731.48
LOCATION L0006037	VOLUME	496269.148	3760416.107	731.03
LOCATION L0006038	VOLUME	496278.411	3760426.605	731.00
LOCATION L0006039	VOLUME	496287.673	3760437.103	731.00
LOCATION L0006040	VOLUME	496296.936	3760447.601	731.00
LOCATION L0006041	VOLUME	496306.199	3760458.098	731.09
LOCATION L0006042	VOLUME	496315.462	3760468.596	731.83
LOCATION L0006043	VOLUME	496324.724	3760479.094	733.00
LOCATION L0006044	VOLUME	496333.987	3760489.592	734.13
LOCATION L0006045	VOLUME	496343.250	3760500.089	734.66
LOCATION L0006046	VOLUME	496352.512	3760510.587	735.41
LOCATION L0006047	VOLUME	496361.857	3760521.010	736.69
LOCATION L0006048	VOLUME	496371.506	3760531.153	738.18
LOCATION L0006049	VOLUME	496381.155	3760541.297	739.46
LOCATION L0006050	VOLUME	496390.804	3760551.441	740.52
LOCATION L0006051	VOLUME	496400.453	3760561.585	741.37
LOCATION L0006052	VOLUME	496409.453	3760572.296	742.06
LOCATION L0006053	VOLUME	496418.209	3760583.220	743.13
LOCATION L0006054	VOLUME	496426.965	3760594.143	743.83
LOCATION L0006055	VOLUME	496435.721	3760605.067	744.34
LOCATION L0006056	VOLUME	496444.478	3760615.991	747.52
LOCATION L0006057	VOLUME	496453.234	3760626.915	750.02
LOCATION L0006058	VOLUME	496461.659	3760638.080	751.42
LOCATION L0006059	VOLUME	496469.406	3760649.741	754.42
LOCATION L0006060	VOLUME	496477.154	3760661.402	758.23
LOCATION L0006061	VOLUME	496484.901	3760673.063	761.88
LOCATION L0006062	VOLUME	496492.649	3760684.724	764.91
LOCATION L0006063	VOLUME	496500.396	3760696.385	767.66
LOCATION L0006064	VOLUME	496508.143	3760708.046	767.98
LOCATION L0006065	VOLUME	496515.708	3760719.823	769.81
LOCATION L0006066	VOLUME	496522.979	3760731.787	768.93
LOCATION L0006067	VOLUME	496530.249	3760743.751	765.19
LOCATION L0006068	VOLUME	496537.520	3760755.715	763.00
LOCATION L0006069	VOLUME	496544.790	3760767.679	761.83
LOCATION L0006070	VOLUME	496552.061	3760779.644	760.67
LOCATION L0006071	VOLUME	496558.953	3760791.815	760.11
LOCATION L0006072	VOLUME	496565.156	3760804.366	759.03
LOCATION L0006073	VOLUME	496571.358	3760816.918	757.39
LOCATION L0006074	VOLUME	496577.561	3760829.469	759.03
LOCATION L0006075	VOLUME	496583.764	3760842.020	759.97
LOCATION L0006076	VOLUME	496589.966	3760854.571	763.05
LOCATION L0006077	VOLUME	496596.169	3760867.122	765.97
LOCATION L0006078	VOLUME	496602.371	3760879.673	768.19
LOCATION L0006079	VOLUME	496608.198	3760892.400	772.16
LOCATION L0006080	VOLUME	496613.901	3760905.186	776.25
LOCATION L0006081	VOLUME	496619.604	3760917.972	781.42
LOCATION L0006082	VOLUME	496625.307	3760930.757	784.95
LOCATION L0006083	VOLUME	496631.010	3760943.543	786.88
LOCATION L0006084	VOLUME	496636.713	3760956.329	788.35
LOCATION L0006085	VOLUME	496641.648	3760969.420	789.70
LOCATION L0006086	VOLUME	496646.283	3760982.631	787.27
LOCATION L0006087	VOLUME	496650.918	3760995.841	785.11
LOCATION L0006088	VOLUME	496655.554	3761009.051	780.65
LOCATION L0006089	VOLUME	496660.189	3761022.262	776.40
LOCATION L0006090	VOLUME	496664.824	3761035.472	771.41
LOCATION L0006091	VOLUME	496669.459	3761048.683	766.15
LOCATION L0006092	VOLUME	496673.616	3761062.043	763.43

\*\* End of LINE VOLUME Source ID = SLINE36

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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE27
** DESCRSRC TTP Singleton 66%
** PREFIX
** Length of Side = 14.00
** Configuration = Adjacent
** Emission Rate = 0.0000121
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 3
** 495623.649, 3759870.316, 703.63, 3.49, 6.51
** 495527.907, 3759852.599, 703.03, 3.49, 6.51
** 495274.751, 3759817.845, 695.95, 3.49, 6.51

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LOCATION L0004576      VOLUME  495616.766 3759869.043 703.43
LOCATION L0004577      VOLUME  495602.999 3759866.495 703.34
LOCATION L0004578      VOLUME  495589.233 3759863.948 703.26
LOCATION L0004579      VOLUME  495575.467 3759861.400 703.34
LOCATION L0004580      VOLUME  495561.701 3759858.853 703.71
LOCATION L0004581      VOLUME  495547.934 3759856.305 703.92
LOCATION L0004582      VOLUME  495534.168 3759853.758 703.38
LOCATION L0004583      VOLUME  495520.345 3759851.561 702.85
LOCATION L0004584      VOLUME  495506.475 3759849.657 702.78
LOCATION L0004585      VOLUME  495492.606 3759847.753 702.72
LOCATION L0004586      VOLUME  495478.736 3759845.849 702.66
LOCATION L0004587      VOLUME  495464.866 3759843.945 702.59
LOCATION L0004588      VOLUME  495450.996 3759842.040 701.90
LOCATION L0004589      VOLUME  495437.126 3759840.136 700.91
LOCATION L0004590      VOLUME  495423.256 3759838.232 700.40
LOCATION L0004591      VOLUME  495409.386 3759836.328 700.34
LOCATION L0004592      VOLUME  495395.516 3759834.424 699.95
LOCATION L0004593      VOLUME  495381.646 3759832.520 698.96
LOCATION L0004594      VOLUME  495367.776 3759830.616 698.13
LOCATION L0004595      VOLUME  495353.906 3759828.712 698.04
LOCATION L0004596      VOLUME  495340.036 3759826.808 697.99
LOCATION L0004597      VOLUME  495326.167 3759824.904 697.50
LOCATION L0004598      VOLUME  495312.297 3759823.000 697.06
LOCATION L0004599      VOLUME  495298.427 3759821.096 696.60
LOCATION L0004600      VOLUME  495284.557 3759819.192 696.14

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** End of LINE VOLUME Source ID = SLINE27

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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE37
** DESCRSRC WH Singleton 62%
** PREFIX
** Length of Side = 14.00
** Configuration = Adjacent
** Emission Rate = 9.102E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 3
** 495623.649, 3759870.316, 703.63, 3.49, 6.51
** 495527.907, 3759852.599, 703.03, 3.49, 6.51
** 495274.751, 3759817.845, 695.95, 3.49, 6.51

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LOCATION L0006093      VOLUME  495616.766 3759869.043 703.43
LOCATION L0006094      VOLUME  495602.999 3759866.495 703.34
LOCATION L0006095      VOLUME  495589.233 3759863.948 703.26
LOCATION L0006096      VOLUME  495575.467 3759861.400 703.34
LOCATION L0006097      VOLUME  495561.701 3759858.853 703.71
LOCATION L0006098      VOLUME  495547.934 3759856.305 703.92
LOCATION L0006099      VOLUME  495534.168 3759853.758 703.38
LOCATION L0006100      VOLUME  495520.345 3759851.561 702.85
LOCATION L0006101      VOLUME  495506.475 3759849.657 702.78
LOCATION L0006102      VOLUME  495492.606 3759847.753 702.72
LOCATION L0006103      VOLUME  495478.736 3759845.849 702.66

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LOCATION L0006104	VOLUME	495464.866	3759843.945	702.59
LOCATION L0006105	VOLUME	495450.996	3759842.040	701.90
LOCATION L0006106	VOLUME	495437.126	3759840.136	700.91
LOCATION L0006107	VOLUME	495423.256	3759838.232	700.40
LOCATION L0006108	VOLUME	495409.386	3759836.328	700.34
LOCATION L0006109	VOLUME	495395.516	3759834.424	699.95
LOCATION L0006110	VOLUME	495381.646	3759832.520	698.96
LOCATION L0006111	VOLUME	495367.776	3759830.616	698.13
LOCATION L0006112	VOLUME	495353.906	3759828.712	698.04
LOCATION L0006113	VOLUME	495340.036	3759826.808	697.99
LOCATION L0006114	VOLUME	495326.167	3759824.904	697.50
LOCATION L0006115	VOLUME	495312.297	3759823.000	697.06
LOCATION L0006116	VOLUME	495298.427	3759821.096	696.60
LOCATION L0006117	VOLUME	495284.557	3759819.192	696.14

\*\* End of LINE VOLUME Source ID = SLINE37

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\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE28

\*\* DESCRSRC TTP Calimesa 2%

\*\* PREFIX

\*\* Length of Side = 8.59

\*\* Configuration = Adjacent

\*\* Emission Rate = 2.29E-06

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 40

\*\* 495622.328, 3759881.406, 703.88, 3.49, 4.00

\*\* 495616.197, 3759905.458, 704.53, 3.49, 4.00

\*\* 495606.766, 3759914.418, 704.96, 3.49, 4.00

\*\* 495586.487, 3759936.111, 706.21, 3.49, 4.00

\*\* 495550.175, 3759955.446, 706.88, 3.49, 4.00

\*\* 495500.658, 3759976.196, 706.97, 3.49, 4.00

\*\* 495457.272, 3759982.798, 707.87, 3.49, 4.00

\*\* 495435.579, 3759981.383, 707.04, 3.49, 4.00

\*\* 495411.056, 3759982.798, 706.74, 3.49, 4.00

\*\* 495379.931, 3759988.929, 705.18, 3.49, 4.00

\*\* 495360.596, 3760001.662, 705.42, 3.49, 4.00

\*\* 495342.204, 3760021.940, 701.86, 3.49, 4.00

\*\* 495313.437, 3760070.514, 700.05, 3.49, 4.00

\*\* 495290.329, 3760125.218, 701.08, 3.49, 4.00

\*\* 495233.738, 3760244.531, 705.17, 3.49, 4.00

\*\* 495219.591, 3760280.371, 706.00, 3.49, 4.00

\*\* 495198.841, 3760346.866, 708.66, 3.49, 4.00

\*\* 495175.261, 3760411.473, 712.49, 3.49, 4.00

\*\* 495165.829, 3760440.712, 714.47, 3.49, 4.00

\*\* 495150.738, 3760491.644, 717.12, 3.49, 4.00

\*\* 495134.704, 3760531.729, 719.55, 3.49, 4.00

\*\* 495111.125, 3760577.945, 720.10, 3.49, 4.00

\*\* 495055.949, 3760678.393, 719.90, 3.49, 4.00

\*\* 495036.142, 3760709.990, 720.45, 3.49, 4.00

\*\* 494979.551, 3760807.609, 719.87, 3.49, 4.00

\*\* 494952.671, 3760858.540, 718.53, 3.49, 4.00

\*\* 494931.449, 3760899.569, 710.33, 3.49, 4.00

\*\* 494918.716, 3760925.978, 709.99, 3.49, 4.00

\*\* 494905.983, 3760953.802, 709.70, 3.49, 4.00

\*\* 494880.517, 3761012.750, 710.55, 3.49, 4.00

\*\* 494840.904, 3761121.687, 715.98, 3.49, 4.00

\*\* 494815.910, 3761181.579, 718.04, 3.49, 4.00

\*\* 494798.932, 3761207.517, 719.00, 3.49, 4.00

\*\* 494783.370, 3761217.420, 720.36, 3.49, 4.00

\*\* 494772.052, 3761224.022, 721.60, 3.49, 4.00

\*\* 494764.035, 3761294.289, 722.24, 3.49, 4.00

\*\* 494748.944, 3761342.391, 730.58, 3.49, 4.00

\*\* 494705.086, 3761455.101, 733.00, 3.49, 4.00

\*\* 494644.251, 3761609.311, 732.91, 3.49, 4.00

\*\* 494598.507, 3761722.493, 733.94, 3.49, 4.00

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LOCATION	L0004626	VOLUME	495621.267	3759885.568	703.98
LOCATION	L0004627	VOLUME	495619.146	3759893.892	704.11
LOCATION	L0004628	VOLUME	495617.024	3759902.216	704.30
LOCATION	L0004629	VOLUME	495612.395	3759909.070	704.66
LOCATION	L0004630	VOLUME	495606.202	3759915.021	704.96
LOCATION	L0004631	VOLUME	495600.336	3759921.296	705.00
LOCATION	L0004632	VOLUME	495594.470	3759927.571	705.23
LOCATION	L0004633	VOLUME	495588.604	3759933.846	705.69
LOCATION	L0004634	VOLUME	495581.641	3759938.691	706.41
LOCATION	L0004635	VOLUME	495574.059	3759942.729	706.79
LOCATION	L0004636	VOLUME	495566.477	3759946.766	707.00
LOCATION	L0004637	VOLUME	495558.895	3759950.803	707.00
LOCATION	L0004638	VOLUME	495551.313	3759954.840	707.00
LOCATION	L0004639	VOLUME	495543.441	3759958.268	706.86
LOCATION	L0004640	VOLUME	495535.519	3759961.588	706.76
LOCATION	L0004641	VOLUME	495527.596	3759964.908	706.71
LOCATION	L0004642	VOLUME	495519.674	3759968.228	706.73
LOCATION	L0004643	VOLUME	495511.751	3759971.547	706.85
LOCATION	L0004644	VOLUME	495503.829	3759974.867	706.96
LOCATION	L0004645	VOLUME	495495.564	3759976.971	707.09
LOCATION	L0004646	VOLUME	495487.072	3759978.263	707.30
LOCATION	L0004647	VOLUME	495478.580	3759979.556	707.64
LOCATION	L0004648	VOLUME	495470.088	3759980.848	707.93
LOCATION	L0004649	VOLUME	495461.595	3759982.140	708.17
LOCATION	L0004650	VOLUME	495453.064	3759982.524	707.92
LOCATION	L0004651	VOLUME	495444.492	3759981.965	707.56
LOCATION	L0004652	VOLUME	495435.921	3759981.406	707.22
LOCATION	L0004653	VOLUME	495427.345	3759981.858	707.00
LOCATION	L0004654	VOLUME	495418.769	3759982.353	707.00
LOCATION	L0004655	VOLUME	495410.208	3759982.965	707.00
LOCATION	L0004656	VOLUME	495401.780	3759984.625	707.00
LOCATION	L0004657	VOLUME	495393.352	3759986.285	706.61
LOCATION	L0004658	VOLUME	495384.924	3759987.945	706.17
LOCATION	L0004659	VOLUME	495377.007	3759990.854	705.82
LOCATION	L0004660	VOLUME	495369.833	3759995.579	705.59
LOCATION	L0004661	VOLUME	495362.659	3760000.303	705.03
LOCATION	L0004662	VOLUME	495356.485	3760006.195	704.61
LOCATION	L0004663	VOLUME	495350.714	3760012.558	703.53
LOCATION	L0004664	VOLUME	495344.943	3760018.920	702.54
LOCATION	L0004665	VOLUME	495339.904	3760025.823	701.66
LOCATION	L0004666	VOLUME	495335.527	3760033.214	701.00
LOCATION	L0004667	VOLUME	495331.150	3760040.606	700.79
LOCATION	L0004668	VOLUME	495326.772	3760047.997	700.76
LOCATION	L0004669	VOLUME	495322.395	3760055.388	700.66
LOCATION	L0004670	VOLUME	495318.018	3760062.779	700.48
LOCATION	L0004671	VOLUME	495313.641	3760070.170	700.35
LOCATION	L0004672	VOLUME	495310.250	3760078.059	700.39
LOCATION	L0004673	VOLUME	495306.907	3760085.972	700.47
LOCATION	L0004674	VOLUME	495303.565	3760093.885	700.49
LOCATION	L0004675	VOLUME	495300.222	3760101.798	700.70
LOCATION	L0004676	VOLUME	495296.880	3760109.710	701.00
LOCATION	L0004677	VOLUME	495293.537	3760117.623	701.31
LOCATION	L0004678	VOLUME	495290.181	3760125.530	701.61
LOCATION	L0004679	VOLUME	495286.500	3760133.292	701.12
LOCATION	L0004680	VOLUME	495282.819	3760141.053	700.63
LOCATION	L0004681	VOLUME	495279.137	3760148.814	700.18
LOCATION	L0004682	VOLUME	495275.456	3760156.575	699.85
LOCATION	L0004683	VOLUME	495271.775	3760164.337	700.06
LOCATION	L0004684	VOLUME	495268.094	3760172.098	700.34
LOCATION	L0004685	VOLUME	495264.412	3760179.859	700.68
LOCATION	L0004686	VOLUME	495260.731	3760187.620	701.05
LOCATION	L0004687	VOLUME	495257.050	3760195.381	701.31
LOCATION	L0004688	VOLUME	495253.369	3760203.143	701.56
LOCATION	L0004689	VOLUME	495249.688	3760210.904	701.86
LOCATION	L0004690	VOLUME	495246.006	3760218.665	702.46

LOCATION	L0004691	VOLUME	495242.325	3760226.426	703.22
LOCATION	L0004692	VOLUME	495238.644	3760234.188	703.98
LOCATION	L0004693	VOLUME	495234.963	3760241.949	704.75
LOCATION	L0004694	VOLUME	495231.633	3760249.863	705.25
LOCATION	L0004695	VOLUME	495228.479	3760257.853	705.46
LOCATION	L0004696	VOLUME	495225.325	3760265.843	705.67
LOCATION	L0004697	VOLUME	495222.172	3760273.833	705.88
LOCATION	L0004698	VOLUME	495219.126	3760281.861	706.26
LOCATION	L0004699	VOLUME	495216.567	3760290.061	706.66
LOCATION	L0004700	VOLUME	495214.008	3760298.261	707.00
LOCATION	L0004701	VOLUME	495211.449	3760306.461	707.30
LOCATION	L0004702	VOLUME	495208.890	3760314.661	707.49
LOCATION	L0004703	VOLUME	495206.331	3760322.861	707.73
LOCATION	L0004704	VOLUME	495203.772	3760331.061	708.01
LOCATION	L0004705	VOLUME	495201.214	3760339.261	708.34
LOCATION	L0004706	VOLUME	495198.627	3760347.452	708.72
LOCATION	L0004707	VOLUME	495195.682	3760355.521	709.18
LOCATION	L0004708	VOLUME	495192.737	3760363.590	709.68
LOCATION	L0004709	VOLUME	495189.792	3760371.660	710.24
LOCATION	L0004710	VOLUME	495186.847	3760379.729	710.75
LOCATION	L0004711	VOLUME	495183.901	3760387.799	711.21
LOCATION	L0004712	VOLUME	495180.956	3760395.868	711.62
LOCATION	L0004713	VOLUME	495178.011	3760403.937	711.82
LOCATION	L0004714	VOLUME	495175.087	3760412.014	712.02
LOCATION	L0004715	VOLUME	495172.450	3760420.189	712.20
LOCATION	L0004716	VOLUME	495169.812	3760428.364	712.59
LOCATION	L0004717	VOLUME	495167.175	3760436.539	713.58
LOCATION	L0004718	VOLUME	495164.635	3760444.744	714.57
LOCATION	L0004719	VOLUME	495162.194	3760452.980	715.56
LOCATION	L0004720	VOLUME	495159.754	3760461.216	716.17
LOCATION	L0004721	VOLUME	495157.314	3760469.453	716.49
LOCATION	L0004722	VOLUME	495154.873	3760477.689	716.85
LOCATION	L0004723	VOLUME	495152.433	3760485.925	717.25
LOCATION	L0004724	VOLUME	495149.763	3760494.081	717.79
LOCATION	L0004725	VOLUME	495146.573	3760502.057	718.27
LOCATION	L0004726	VOLUME	495143.383	3760510.032	718.71
LOCATION	L0004727	VOLUME	495140.193	3760518.008	719.06
LOCATION	L0004728	VOLUME	495137.002	3760525.984	719.33
LOCATION	L0004729	VOLUME	495133.613	3760533.869	719.59
LOCATION	L0004730	VOLUME	495129.709	3760541.520	719.83
LOCATION	L0004731	VOLUME	495125.805	3760549.172	719.95
LOCATION	L0004732	VOLUME	495121.901	3760556.824	720.07
LOCATION	L0004733	VOLUME	495117.997	3760564.475	720.20
LOCATION	L0004734	VOLUME	495114.093	3760572.127	720.32
LOCATION	L0004735	VOLUME	495110.134	3760579.749	720.44
LOCATION	L0004736	VOLUME	495105.998	3760587.278	720.56
LOCATION	L0004737	VOLUME	495101.862	3760594.807	720.67
LOCATION	L0004738	VOLUME	495097.727	3760602.336	720.71
LOCATION	L0004739	VOLUME	495093.591	3760609.865	720.58
LOCATION	L0004740	VOLUME	495089.456	3760617.394	720.41
LOCATION	L0004741	VOLUME	495085.320	3760624.923	720.31
LOCATION	L0004742	VOLUME	495081.184	3760632.452	720.28
LOCATION	L0004743	VOLUME	495077.049	3760639.981	720.35
LOCATION	L0004744	VOLUME	495072.913	3760647.509	720.46
LOCATION	L0004745	VOLUME	495068.778	3760655.038	720.54
LOCATION	L0004746	VOLUME	495064.642	3760662.567	720.52
LOCATION	L0004747	VOLUME	495060.506	3760670.096	720.47
LOCATION	L0004748	VOLUME	495056.371	3760677.625	720.45
LOCATION	L0004749	VOLUME	495051.852	3760684.929	720.39
LOCATION	L0004750	VOLUME	495047.289	3760692.207	720.33
LOCATION	L0004751	VOLUME	495042.727	3760699.485	720.27
LOCATION	L0004752	VOLUME	495038.164	3760706.764	720.25
LOCATION	L0004753	VOLUME	495033.744	3760714.127	720.24
LOCATION	L0004754	VOLUME	495029.435	3760721.559	720.17
LOCATION	L0004755	VOLUME	495025.127	3760728.990	720.08
LOCATION	L0004756	VOLUME	495020.819	3760736.422	720.04

LOCATION L0004757	VOLUME	495016.511	3760743.853	720.00
LOCATION L0004758	VOLUME	495012.203	3760751.285	719.96
LOCATION L0004759	VOLUME	495007.895	3760758.716	719.92
LOCATION L0004760	VOLUME	495003.587	3760766.148	719.88
LOCATION L0004761	VOLUME	494999.278	3760773.580	719.84
LOCATION L0004762	VOLUME	494994.970	3760781.011	719.80
LOCATION L0004763	VOLUME	494990.662	3760788.443	719.74
LOCATION L0004764	VOLUME	494986.354	3760795.874	719.66
LOCATION L0004765	VOLUME	494982.046	3760803.306	719.65
LOCATION L0004766	VOLUME	494977.863	3760810.807	719.71
LOCATION L0004767	VOLUME	494973.854	3760818.404	719.73
LOCATION L0004768	VOLUME	494969.844	3760826.001	719.44
LOCATION L0004769	VOLUME	494965.835	3760833.597	719.22
LOCATION L0004770	VOLUME	494961.826	3760841.194	719.06
LOCATION L0004771	VOLUME	494957.816	3760848.791	718.59
LOCATION L0004772	VOLUME	494953.807	3760856.388	717.34
LOCATION L0004773	VOLUME	494949.842	3760864.009	715.97
LOCATION L0004774	VOLUME	494945.896	3760871.638	714.27
LOCATION L0004775	VOLUME	494941.949	3760879.268	712.91
LOCATION L0004776	VOLUME	494938.003	3760886.898	711.99
LOCATION L0004777	VOLUME	494934.057	3760894.528	711.20
LOCATION L0004778	VOLUME	494930.183	3760902.194	710.55
LOCATION L0004779	VOLUME	494926.453	3760909.932	710.20
LOCATION L0004780	VOLUME	494922.722	3760917.669	710.08
LOCATION L0004781	VOLUME	494918.991	3760925.407	709.95
LOCATION L0004782	VOLUME	494915.405	3760933.212	709.83
LOCATION L0004783	VOLUME	494911.831	3760941.023	709.76
LOCATION L0004784	VOLUME	494908.256	3760948.834	709.77
LOCATION L0004785	VOLUME	494904.743	3760956.672	709.83
LOCATION L0004786	VOLUME	494901.336	3760964.558	709.97
LOCATION L0004787	VOLUME	494897.930	3760972.444	710.05
LOCATION L0004788	VOLUME	494894.523	3760980.329	710.07
LOCATION L0004789	VOLUME	494891.117	3760988.215	710.02
LOCATION L0004790	VOLUME	494887.710	3760996.101	710.00
LOCATION L0004791	VOLUME	494884.304	3761003.986	710.21
LOCATION L0004792	VOLUME	494880.897	3761011.872	710.36
LOCATION L0004793	VOLUME	494877.909	3761019.924	710.46
LOCATION L0004794	VOLUME	494874.973	3761027.997	710.61
LOCATION L0004795	VOLUME	494872.038	3761036.070	711.05
LOCATION L0004796	VOLUME	494869.102	3761044.142	711.49
LOCATION L0004797	VOLUME	494866.167	3761052.215	711.93
LOCATION L0004798	VOLUME	494863.231	3761060.288	712.36
LOCATION L0004799	VOLUME	494860.295	3761068.361	712.81
LOCATION L0004800	VOLUME	494857.360	3761076.434	713.38
LOCATION L0004801	VOLUME	494854.424	3761084.506	713.90
LOCATION L0004802	VOLUME	494851.489	3761092.579	714.43
LOCATION L0004803	VOLUME	494848.553	3761100.652	714.96
LOCATION L0004804	VOLUME	494845.618	3761108.725	715.50
LOCATION L0004805	VOLUME	494842.682	3761116.798	716.01
LOCATION L0004806	VOLUME	494839.599	3761124.813	716.09
LOCATION L0004807	VOLUME	494836.291	3761132.741	716.11
LOCATION L0004808	VOLUME	494832.983	3761140.668	716.07
LOCATION L0004809	VOLUME	494829.675	3761148.595	716.13
LOCATION L0004810	VOLUME	494826.366	3761156.523	716.61
LOCATION L0004811	VOLUME	494823.058	3761164.450	717.09
LOCATION L0004812	VOLUME	494819.750	3761172.378	717.58
LOCATION L0004813	VOLUME	494816.442	3761180.305	717.93
LOCATION L0004814	VOLUME	494811.962	3761187.611	718.23
LOCATION L0004815	VOLUME	494807.257	3761194.798	718.54
LOCATION L0004816	VOLUME	494802.553	3761201.986	718.85
LOCATION L0004817	VOLUME	494797.263	3761208.580	719.21
LOCATION L0004818	VOLUME	494790.015	3761213.191	719.77
LOCATION L0004819	VOLUME	494782.754	3761217.780	720.40
LOCATION L0004820	VOLUME	494775.334	3761222.108	721.11
LOCATION L0004821	VOLUME	494771.509	3761228.782	721.65
LOCATION L0004822	VOLUME	494770.535	3761237.316	721.98

LOCATION L0004823	VOLUME	494769.561	3761245.851	722.06
LOCATION L0004824	VOLUME	494768.588	3761254.385	722.15
LOCATION L0004825	VOLUME	494767.614	3761262.920	722.26
LOCATION L0004826	VOLUME	494766.640	3761271.455	722.41
LOCATION L0004827	VOLUME	494765.666	3761279.989	722.61
LOCATION L0004828	VOLUME	494764.693	3761288.524	722.85
LOCATION L0004829	VOLUME	494763.200	3761296.949	723.26
LOCATION L0004830	VOLUME	494760.629	3761305.145	724.42
LOCATION L0004831	VOLUME	494758.058	3761313.341	725.53
LOCATION L0004832	VOLUME	494755.486	3761321.537	726.59
LOCATION L0004833	VOLUME	494752.915	3761329.733	727.81
LOCATION L0004834	VOLUME	494750.344	3761337.929	729.10
LOCATION L0004835	VOLUME	494747.525	3761346.039	730.16
LOCATION L0004836	VOLUME	494744.410	3761354.044	730.94
LOCATION L0004837	VOLUME	494741.295	3761362.049	731.23
LOCATION L0004838	VOLUME	494738.180	3761370.054	731.50
LOCATION L0004839	VOLUME	494735.065	3761378.060	731.78
LOCATION L0004840	VOLUME	494731.950	3761386.065	732.00
LOCATION L0004841	VOLUME	494728.835	3761394.070	732.36
LOCATION L0004842	VOLUME	494725.720	3761402.076	732.79
LOCATION L0004843	VOLUME	494722.605	3761410.081	733.27
LOCATION L0004844	VOLUME	494719.490	3761418.086	733.67
LOCATION L0004845	VOLUME	494716.374	3761426.091	733.60
LOCATION L0004846	VOLUME	494713.259	3761434.097	733.42
LOCATION L0004847	VOLUME	494710.144	3761442.102	733.13
LOCATION L0004848	VOLUME	494707.029	3761450.107	732.90
LOCATION L0004849	VOLUME	494703.900	3761458.107	732.87
LOCATION L0004850	VOLUME	494700.748	3761466.098	732.89
LOCATION L0004851	VOLUME	494697.596	3761474.089	732.97
LOCATION L0004852	VOLUME	494694.443	3761482.079	733.00
LOCATION L0004853	VOLUME	494691.291	3761490.070	733.00
LOCATION L0004854	VOLUME	494688.139	3761498.061	733.00
LOCATION L0004855	VOLUME	494684.987	3761506.051	733.00
LOCATION L0004856	VOLUME	494681.834	3761514.042	733.01
LOCATION L0004857	VOLUME	494678.682	3761522.033	732.94
LOCATION L0004858	VOLUME	494675.530	3761530.023	732.84
LOCATION L0004859	VOLUME	494672.377	3761538.014	732.75
LOCATION L0004860	VOLUME	494669.225	3761546.005	732.75
LOCATION L0004861	VOLUME	494666.073	3761553.995	732.81
LOCATION L0004862	VOLUME	494662.921	3761561.986	732.92
LOCATION L0004863	VOLUME	494659.768	3761569.977	733.04
LOCATION L0004864	VOLUME	494656.616	3761577.968	733.08
LOCATION L0004865	VOLUME	494653.464	3761585.958	733.07
LOCATION L0004866	VOLUME	494650.311	3761593.949	733.00
LOCATION L0004867	VOLUME	494647.159	3761601.940	732.91
LOCATION L0004868	VOLUME	494644.002	3761609.928	732.89
LOCATION L0004869	VOLUME	494640.783	3761617.892	732.91
LOCATION L0004870	VOLUME	494637.564	3761625.856	733.00
LOCATION L0004871	VOLUME	494634.345	3761633.821	733.00
LOCATION L0004872	VOLUME	494631.126	3761641.785	733.00
LOCATION L0004873	VOLUME	494627.908	3761649.749	733.00
LOCATION L0004874	VOLUME	494624.689	3761657.713	733.05
LOCATION L0004875	VOLUME	494621.470	3761665.677	733.32
LOCATION L0004876	VOLUME	494618.251	3761673.641	733.54
LOCATION L0004877	VOLUME	494615.032	3761681.605	733.70
LOCATION L0004878	VOLUME	494611.813	3761689.569	733.75
LOCATION L0004879	VOLUME	494608.595	3761697.534	733.76
LOCATION L0004880	VOLUME	494605.376	3761705.498	733.82
LOCATION L0004881	VOLUME	494602.157	3761713.462	733.94
LOCATION L0004882	VOLUME	494598.938	3761721.426	734.17

\*\* End of LINE VOLUME Source ID = SLINE28

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\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE39

\*\* DESCRSRC WH Calimesa 4%

\*\* PREFIX

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** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 3.668E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 40
** 495622.328, 3759881.406, 703.88, 3.49, 4.00
** 495616.197, 3759905.458, 704.53, 3.49, 4.00
** 495606.766, 3759914.418, 704.96, 3.49, 4.00
** 495586.487, 3759936.111, 706.21, 3.49, 4.00
** 495550.175, 3759955.446, 706.88, 3.49, 4.00
** 495500.658, 3759976.196, 706.97, 3.49, 4.00
** 495457.272, 3759982.798, 707.87, 3.49, 4.00
** 495435.579, 3759981.383, 707.04, 3.49, 4.00
** 495411.056, 3759982.798, 706.74, 3.49, 4.00
** 495379.931, 3759988.929, 705.18, 3.49, 4.00
** 495360.596, 3760001.662, 705.42, 3.49, 4.00
** 495342.204, 3760021.940, 701.86, 3.49, 4.00
** 495313.437, 3760070.514, 700.05, 3.49, 4.00
** 495290.329, 3760125.218, 701.08, 3.49, 4.00
** 495233.738, 3760244.531, 705.17, 3.49, 4.00
** 495219.591, 3760280.371, 706.00, 3.49, 4.00
** 495198.841, 3760346.866, 708.66, 3.49, 4.00
** 495175.261, 3760411.473, 712.49, 3.49, 4.00
** 495165.829, 3760440.712, 714.47, 3.49, 4.00
** 495150.738, 3760491.644, 717.12, 3.49, 4.00
** 495134.704, 3760531.729, 719.55, 3.49, 4.00
** 495111.125, 3760577.945, 720.10, 3.49, 4.00
** 495055.949, 3760678.393, 719.90, 3.49, 4.00
** 495036.142, 3760709.990, 720.45, 3.49, 4.00
** 494979.551, 3760807.609, 719.87, 3.49, 4.00
** 494952.671, 3760858.540, 718.53, 3.49, 4.00
** 494931.449, 3760899.569, 710.33, 3.49, 4.00
** 494918.716, 3760925.978, 709.99, 3.49, 4.00
** 494905.983, 3760953.802, 709.70, 3.49, 4.00
** 494880.517, 3761012.750, 710.55, 3.49, 4.00
** 494840.904, 3761121.687, 715.98, 3.49, 4.00
** 494815.910, 3761181.579, 718.04, 3.49, 4.00
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** 494783.370, 3761217.420, 720.36, 3.49, 4.00
** 494772.052, 3761224.022, 721.60, 3.49, 4.00
** 494764.035, 3761294.289, 722.24, 3.49, 4.00
** 494748.944, 3761342.391, 730.58, 3.49, 4.00
** 494705.086, 3761455.101, 733.00, 3.49, 4.00
** 494644.251, 3761609.311, 732.91, 3.49, 4.00
** 494598.507, 3761722.493, 733.94, 3.49, 4.00

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LOCATION L0006118      VOLUME  495621.267 3759885.568 703.98
LOCATION L0006119      VOLUME  495619.146 3759893.892 704.11
LOCATION L0006120      VOLUME  495617.024 3759902.216 704.30
LOCATION L0006121      VOLUME  495612.395 3759909.070 704.66
LOCATION L0006122      VOLUME  495606.202 3759915.021 704.96
LOCATION L0006123      VOLUME  495600.336 3759921.296 705.00
LOCATION L0006124      VOLUME  495594.470 3759927.571 705.23
LOCATION L0006125      VOLUME  495588.604 3759933.846 705.69
LOCATION L0006126      VOLUME  495581.641 3759938.691 706.41
LOCATION L0006127      VOLUME  495574.059 3759942.729 706.79
LOCATION L0006128      VOLUME  495566.477 3759946.766 707.00
LOCATION L0006129      VOLUME  495558.895 3759950.803 707.00
LOCATION L0006130      VOLUME  495551.313 3759954.840 707.00
LOCATION L0006131      VOLUME  495543.441 3759958.268 706.86
LOCATION L0006132      VOLUME  495535.519 3759961.588 706.76
LOCATION L0006133      VOLUME  495527.596 3759964.908 706.71
LOCATION L0006134      VOLUME  495519.674 3759968.228 706.73
LOCATION L0006135      VOLUME  495511.751 3759971.547 706.85
LOCATION L0006136      VOLUME  495503.829 3759974.867 706.96

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LOCATION	L0006137	VOLUME	495495.564	3759976.971	707.09
LOCATION	L0006138	VOLUME	495487.072	3759978.263	707.30
LOCATION	L0006139	VOLUME	495478.580	3759979.556	707.64
LOCATION	L0006140	VOLUME	495470.088	3759980.848	707.93
LOCATION	L0006141	VOLUME	495461.595	3759982.140	708.17
LOCATION	L0006142	VOLUME	495453.064	3759982.524	707.92
LOCATION	L0006143	VOLUME	495444.492	3759981.965	707.56
LOCATION	L0006144	VOLUME	495435.921	3759981.406	707.22
LOCATION	L0006145	VOLUME	495427.345	3759981.858	707.00
LOCATION	L0006146	VOLUME	495418.769	3759982.353	707.00
LOCATION	L0006147	VOLUME	495410.208	3759982.965	707.00
LOCATION	L0006148	VOLUME	495401.780	3759984.625	707.00
LOCATION	L0006149	VOLUME	495393.352	3759986.285	706.61
LOCATION	L0006150	VOLUME	495384.924	3759987.945	706.17
LOCATION	L0006151	VOLUME	495377.007	3759990.854	705.82
LOCATION	L0006152	VOLUME	495369.833	3759995.579	705.59
LOCATION	L0006153	VOLUME	495362.659	3760000.303	705.03
LOCATION	L0006154	VOLUME	495356.485	3760006.195	704.61
LOCATION	L0006155	VOLUME	495350.714	3760012.558	703.53
LOCATION	L0006156	VOLUME	495344.943	3760018.920	702.54
LOCATION	L0006157	VOLUME	495339.904	3760025.823	701.66
LOCATION	L0006158	VOLUME	495335.527	3760033.214	701.00
LOCATION	L0006159	VOLUME	495331.150	3760040.606	700.79
LOCATION	L0006160	VOLUME	495326.772	3760047.997	700.76
LOCATION	L0006161	VOLUME	495322.395	3760055.388	700.66
LOCATION	L0006162	VOLUME	495318.018	3760062.779	700.48
LOCATION	L0006163	VOLUME	495313.641	3760070.170	700.35
LOCATION	L0006164	VOLUME	495310.250	3760078.059	700.39
LOCATION	L0006165	VOLUME	495306.907	3760085.972	700.47
LOCATION	L0006166	VOLUME	495303.565	3760093.885	700.49
LOCATION	L0006167	VOLUME	495300.222	3760101.798	700.70
LOCATION	L0006168	VOLUME	495296.880	3760109.710	701.00
LOCATION	L0006169	VOLUME	495293.537	3760117.623	701.31
LOCATION	L0006170	VOLUME	495290.181	3760125.530	701.61
LOCATION	L0006171	VOLUME	495286.500	3760133.292	701.12
LOCATION	L0006172	VOLUME	495282.819	3760141.053	700.63
LOCATION	L0006173	VOLUME	495279.137	3760148.814	700.18
LOCATION	L0006174	VOLUME	495275.456	3760156.575	699.85
LOCATION	L0006175	VOLUME	495271.775	3760164.337	700.06
LOCATION	L0006176	VOLUME	495268.094	3760172.098	700.34
LOCATION	L0006177	VOLUME	495264.412	3760179.859	700.68
LOCATION	L0006178	VOLUME	495260.731	3760187.620	701.05
LOCATION	L0006179	VOLUME	495257.050	3760195.381	701.31
LOCATION	L0006180	VOLUME	495253.369	3760203.143	701.56
LOCATION	L0006181	VOLUME	495249.688	3760210.904	701.86
LOCATION	L0006182	VOLUME	495246.006	3760218.665	702.46
LOCATION	L0006183	VOLUME	495242.325	3760226.426	703.22
LOCATION	L0006184	VOLUME	495238.644	3760234.188	703.98
LOCATION	L0006185	VOLUME	495234.963	3760241.949	704.75
LOCATION	L0006186	VOLUME	495231.633	3760249.863	705.25
LOCATION	L0006187	VOLUME	495228.479	3760257.853	705.46
LOCATION	L0006188	VOLUME	495225.325	3760265.843	705.67
LOCATION	L0006189	VOLUME	495222.172	3760273.833	705.88
LOCATION	L0006190	VOLUME	495219.126	3760281.861	706.26
LOCATION	L0006191	VOLUME	495216.567	3760290.061	706.66
LOCATION	L0006192	VOLUME	495214.008	3760298.261	707.00
LOCATION	L0006193	VOLUME	495211.449	3760306.461	707.30
LOCATION	L0006194	VOLUME	495208.890	3760314.661	707.49
LOCATION	L0006195	VOLUME	495206.331	3760322.861	707.73
LOCATION	L0006196	VOLUME	495203.772	3760331.061	708.01
LOCATION	L0006197	VOLUME	495201.214	3760339.261	708.34
LOCATION	L0006198	VOLUME	495198.627	3760347.452	708.72
LOCATION	L0006199	VOLUME	495195.682	3760355.521	709.18
LOCATION	L0006200	VOLUME	495192.737	3760363.590	709.68
LOCATION	L0006201	VOLUME	495189.792	3760371.660	710.24
LOCATION	L0006202	VOLUME	495186.847	3760379.729	710.75

LOCATION	L0006203	VOLUME	495183.901	3760387.799	711.21
LOCATION	L0006204	VOLUME	495180.956	3760395.868	711.62
LOCATION	L0006205	VOLUME	495178.011	3760403.937	711.82
LOCATION	L0006206	VOLUME	495175.087	3760412.014	712.02
LOCATION	L0006207	VOLUME	495172.450	3760420.189	712.20
LOCATION	L0006208	VOLUME	495169.812	3760428.364	712.59
LOCATION	L0006209	VOLUME	495167.175	3760436.539	713.58
LOCATION	L0006210	VOLUME	495164.635	3760444.744	714.57
LOCATION	L0006211	VOLUME	495162.194	3760452.980	715.56
LOCATION	L0006212	VOLUME	495159.754	3760461.216	716.17
LOCATION	L0006213	VOLUME	495157.314	3760469.453	716.49
LOCATION	L0006214	VOLUME	495154.873	3760477.689	716.85
LOCATION	L0006215	VOLUME	495152.433	3760485.925	717.25
LOCATION	L0006216	VOLUME	495149.763	3760494.081	717.79
LOCATION	L0006217	VOLUME	495146.573	3760502.057	718.27
LOCATION	L0006218	VOLUME	495143.383	3760510.032	718.71
LOCATION	L0006219	VOLUME	495140.193	3760518.008	719.06
LOCATION	L0006220	VOLUME	495137.002	3760525.984	719.33
LOCATION	L0006221	VOLUME	495133.613	3760533.869	719.59
LOCATION	L0006222	VOLUME	495129.709	3760541.520	719.83
LOCATION	L0006223	VOLUME	495125.805	3760549.172	719.95
LOCATION	L0006224	VOLUME	495121.901	3760556.824	720.07
LOCATION	L0006225	VOLUME	495117.997	3760564.475	720.20
LOCATION	L0006226	VOLUME	495114.093	3760572.127	720.32
LOCATION	L0006227	VOLUME	495110.134	3760579.749	720.44
LOCATION	L0006228	VOLUME	495105.998	3760587.278	720.56
LOCATION	L0006229	VOLUME	495101.862	3760594.807	720.67
LOCATION	L0006230	VOLUME	495097.727	3760602.336	720.71
LOCATION	L0006231	VOLUME	495093.591	3760609.865	720.58
LOCATION	L0006232	VOLUME	495089.456	3760617.394	720.41
LOCATION	L0006233	VOLUME	495085.320	3760624.923	720.31
LOCATION	L0006234	VOLUME	495081.184	3760632.452	720.28
LOCATION	L0006235	VOLUME	495077.049	3760639.981	720.35
LOCATION	L0006236	VOLUME	495072.913	3760647.509	720.46
LOCATION	L0006237	VOLUME	495068.778	3760655.038	720.54
LOCATION	L0006238	VOLUME	495064.642	3760662.567	720.52
LOCATION	L0006239	VOLUME	495060.506	3760670.096	720.47
LOCATION	L0006240	VOLUME	495056.371	3760677.625	720.45
LOCATION	L0006241	VOLUME	495051.852	3760684.929	720.39
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LOCATION	L0006243	VOLUME	495042.727	3760699.485	720.27
LOCATION	L0006244	VOLUME	495038.164	3760706.764	720.25
LOCATION	L0006245	VOLUME	495033.744	3760714.127	720.24
LOCATION	L0006246	VOLUME	495029.435	3760721.559	720.17
LOCATION	L0006247	VOLUME	495025.127	3760728.990	720.08
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LOCATION	L0006249	VOLUME	495016.511	3760743.853	720.00
LOCATION	L0006250	VOLUME	495012.203	3760751.285	719.96
LOCATION	L0006251	VOLUME	495007.895	3760758.716	719.92
LOCATION	L0006252	VOLUME	495003.587	3760766.148	719.88
LOCATION	L0006253	VOLUME	494999.278	3760773.580	719.84
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LOCATION	L0006255	VOLUME	494990.662	3760788.443	719.74
LOCATION	L0006256	VOLUME	494986.354	3760795.874	719.66
LOCATION	L0006257	VOLUME	494982.046	3760803.306	719.65
LOCATION	L0006258	VOLUME	494977.863	3760810.807	719.71
LOCATION	L0006259	VOLUME	494973.854	3760818.404	719.73
LOCATION	L0006260	VOLUME	494969.844	3760826.001	719.44
LOCATION	L0006261	VOLUME	494965.835	3760833.597	719.22
LOCATION	L0006262	VOLUME	494961.826	3760841.194	719.06
LOCATION	L0006263	VOLUME	494957.816	3760848.791	718.59
LOCATION	L0006264	VOLUME	494953.807	3760856.388	717.34
LOCATION	L0006265	VOLUME	494949.842	3760864.009	715.97
LOCATION	L0006266	VOLUME	494945.896	3760871.638	714.27
LOCATION	L0006267	VOLUME	494941.949	3760879.268	712.91
LOCATION	L0006268	VOLUME	494938.003	3760886.898	711.99

LOCATION	L0006269	VOLUME	494934.057	3760894.528	711.20
LOCATION	L0006270	VOLUME	494930.183	3760902.194	710.55
LOCATION	L0006271	VOLUME	494926.453	3760909.932	710.20
LOCATION	L0006272	VOLUME	494922.722	3760917.669	710.08
LOCATION	L0006273	VOLUME	494918.991	3760925.407	709.95
LOCATION	L0006274	VOLUME	494915.405	3760933.212	709.83
LOCATION	L0006275	VOLUME	494911.831	3760941.023	709.76
LOCATION	L0006276	VOLUME	494908.256	3760948.834	709.77
LOCATION	L0006277	VOLUME	494904.743	3760956.672	709.83
LOCATION	L0006278	VOLUME	494901.336	3760964.558	709.97
LOCATION	L0006279	VOLUME	494897.930	3760972.444	710.05
LOCATION	L0006280	VOLUME	494894.523	3760980.329	710.07
LOCATION	L0006281	VOLUME	494891.117	3760988.215	710.02
LOCATION	L0006282	VOLUME	494887.710	3760996.101	710.00
LOCATION	L0006283	VOLUME	494884.304	3761003.986	710.21
LOCATION	L0006284	VOLUME	494880.897	3761011.872	710.36
LOCATION	L0006285	VOLUME	494877.909	3761019.924	710.46
LOCATION	L0006286	VOLUME	494874.973	3761027.997	710.61
LOCATION	L0006287	VOLUME	494872.038	3761036.070	711.05
LOCATION	L0006288	VOLUME	494869.102	3761044.142	711.49
LOCATION	L0006289	VOLUME	494866.167	3761052.215	711.93
LOCATION	L0006290	VOLUME	494863.231	3761060.288	712.36
LOCATION	L0006291	VOLUME	494860.295	3761068.361	712.81
LOCATION	L0006292	VOLUME	494857.360	3761076.434	713.38
LOCATION	L0006293	VOLUME	494854.424	3761084.506	713.90
LOCATION	L0006294	VOLUME	494851.489	3761092.579	714.43
LOCATION	L0006295	VOLUME	494848.553	3761100.652	714.96
LOCATION	L0006296	VOLUME	494845.618	3761108.725	715.50
LOCATION	L0006297	VOLUME	494842.682	3761116.798	716.01
LOCATION	L0006298	VOLUME	494839.599	3761124.813	716.09
LOCATION	L0006299	VOLUME	494836.291	3761132.741	716.11
LOCATION	L0006300	VOLUME	494832.983	3761140.668	716.07
LOCATION	L0006301	VOLUME	494829.675	3761148.595	716.13
LOCATION	L0006302	VOLUME	494826.366	3761156.523	716.61
LOCATION	L0006303	VOLUME	494823.058	3761164.450	717.09
LOCATION	L0006304	VOLUME	494819.750	3761172.378	717.58
LOCATION	L0006305	VOLUME	494816.442	3761180.305	717.93
LOCATION	L0006306	VOLUME	494811.962	3761187.611	718.23
LOCATION	L0006307	VOLUME	494807.257	3761194.798	718.54
LOCATION	L0006308	VOLUME	494802.553	3761201.986	718.85
LOCATION	L0006309	VOLUME	494797.263	3761208.580	719.21
LOCATION	L0006310	VOLUME	494790.015	3761213.191	719.77
LOCATION	L0006311	VOLUME	494782.754	3761217.780	720.40
LOCATION	L0006312	VOLUME	494775.334	3761222.108	721.11
LOCATION	L0006313	VOLUME	494771.509	3761228.782	721.65
LOCATION	L0006314	VOLUME	494770.535	3761237.316	721.98
LOCATION	L0006315	VOLUME	494769.561	3761245.851	722.06
LOCATION	L0006316	VOLUME	494768.588	3761254.385	722.15
LOCATION	L0006317	VOLUME	494767.614	3761262.920	722.26
LOCATION	L0006318	VOLUME	494766.640	3761271.455	722.41
LOCATION	L0006319	VOLUME	494765.666	3761279.989	722.61
LOCATION	L0006320	VOLUME	494764.693	3761288.524	722.85
LOCATION	L0006321	VOLUME	494763.200	3761296.949	723.26
LOCATION	L0006322	VOLUME	494760.629	3761305.145	724.42
LOCATION	L0006323	VOLUME	494758.058	3761313.341	725.53
LOCATION	L0006324	VOLUME	494755.486	3761321.537	726.59
LOCATION	L0006325	VOLUME	494752.915	3761329.733	727.81
LOCATION	L0006326	VOLUME	494750.344	3761337.929	729.10
LOCATION	L0006327	VOLUME	494747.525	3761346.039	730.16
LOCATION	L0006328	VOLUME	494744.410	3761354.044	730.94
LOCATION	L0006329	VOLUME	494741.295	3761362.049	731.23
LOCATION	L0006330	VOLUME	494738.180	3761370.054	731.50
LOCATION	L0006331	VOLUME	494735.065	3761378.060	731.78
LOCATION	L0006332	VOLUME	494731.950	3761386.065	732.00
LOCATION	L0006333	VOLUME	494728.835	3761394.070	732.36
LOCATION	L0006334	VOLUME	494725.720	3761402.076	732.79

LOCATION	VOLUME				
L0006335	494722.605	3761410.081	733.27		
L0006336	494719.490	3761418.086	733.67		
L0006337	494716.374	3761426.091	733.60		
L0006338	494713.259	3761434.097	733.42		
L0006339	494710.144	3761442.102	733.13		
L0006340	494707.029	3761450.107	732.90		
L0006341	494703.900	3761458.107	732.87		
L0006342	494700.748	3761466.098	732.89		
L0006343	494697.596	3761474.089	732.97		
L0006344	494694.443	3761482.079	733.00		
L0006345	494691.291	3761490.070	733.00		
L0006346	494688.139	3761498.061	733.00		
L0006347	494684.987	3761506.051	733.00		
L0006348	494681.834	3761514.042	733.01		
L0006349	494678.682	3761522.033	732.94		
L0006350	494675.530	3761530.023	732.84		
L0006351	494672.377	3761538.014	732.75		
L0006352	494669.225	3761546.005	732.75		
L0006353	494666.073	3761553.995	732.81		
L0006354	494662.921	3761561.986	732.92		
L0006355	494659.768	3761569.977	733.04		
L0006356	494656.616	3761577.968	733.08		
L0006357	494653.464	3761585.958	733.07		
L0006358	494650.311	3761593.949	733.00		
L0006359	494647.159	3761601.940	732.91		
L0006360	494644.002	3761609.928	732.89		
L0006361	494640.783	3761617.892	732.91		
L0006362	494637.564	3761625.856	733.00		
L0006363	494634.345	3761633.821	733.00		
L0006364	494631.126	3761641.785	733.00		
L0006365	494627.908	3761649.749	733.00		
L0006366	494624.689	3761657.713	733.05		
L0006367	494621.470	3761665.677	733.32		
L0006368	494618.251	3761673.641	733.54		
L0006369	494615.032	3761681.605	733.70		
L0006370	494611.813	3761689.569	733.75		
L0006371	494608.595	3761697.534	733.76		
L0006372	494605.376	3761705.498	733.82		
L0006373	494602.157	3761713.462	733.94		
L0006374	494598.938	3761721.426	734.17		

\*\* End of LINE VOLUME Source ID = SLINE39

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\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE29

\*\* DESCRSRC WH Calimesa 30%

\*\* PREFIX

\*\* Length of Side = 14.00

\*\* Configuration = Adjacent

\*\* Emission Rate = 0.00001076

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 15

\*\* 496200.060, 3759159.450, 695.00, 3.49, 6.51

\*\* 496279.562, 3759090.788, 695.00, 3.49, 6.51

\*\* 496372.616, 3759001.348, 695.74, 3.49, 6.51

\*\* 496489.159, 3758899.260, 702.21, 3.49, 6.51

\*\* 496545.173, 3758852.281, 704.57, 3.49, 6.51

\*\* 496588.537, 3758820.661, 704.93, 3.49, 6.51

\*\* 496617.775, 3758802.663, 705.14, 3.49, 6.51

\*\* 496654.089, 3758784.742, 705.25, 3.49, 6.51

\*\* 496722.000, 3758762.576, 705.92, 3.49, 6.51

\*\* 496799.816, 3758744.183, 706.69, 3.49, 6.51

\*\* 496826.226, 3758736.166, 706.94, 3.49, 6.51

\*\* 496857.352, 3758712.114, 708.39, 3.49, 6.51

\*\* 496875.273, 3758688.533, 709.02, 3.49, 6.51

\*\* 496880.461, 3758668.254, 710.50, 3.49, 6.51

\*\* 496880.461, 3758665.425, 710.46, 3.49, 6.51

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LOCATION	L0006375	VOLUME	496205.358	3759154.874	695.00
LOCATION	L0006376	VOLUME	496215.953	3759145.724	695.00
LOCATION	L0006377	VOLUME	496226.549	3759136.573	695.00
LOCATION	L0006378	VOLUME	496237.144	3759127.422	695.00
LOCATION	L0006379	VOLUME	496247.740	3759118.272	695.00
LOCATION	L0006380	VOLUME	496258.335	3759109.121	695.00
LOCATION	L0006381	VOLUME	496268.931	3759099.970	695.00
LOCATION	L0006382	VOLUME	496279.526	3759090.820	695.00
LOCATION	L0006383	VOLUME	496289.622	3759081.120	695.00
LOCATION	L0006384	VOLUME	496299.715	3759071.418	695.00
LOCATION	L0006385	VOLUME	496309.809	3759061.717	695.00
LOCATION	L0006386	VOLUME	496319.902	3759052.015	695.00
LOCATION	L0006387	VOLUME	496329.996	3759042.314	695.13
LOCATION	L0006388	VOLUME	496340.089	3759032.612	695.31
LOCATION	L0006389	VOLUME	496350.183	3759022.910	695.27
LOCATION	L0006390	VOLUME	496360.276	3759013.209	695.20
LOCATION	L0006391	VOLUME	496370.370	3759003.507	695.71
LOCATION	L0006392	VOLUME	496380.804	3758994.176	695.97
LOCATION	L0006393	VOLUME	496391.335	3758984.952	696.12
LOCATION	L0006394	VOLUME	496401.866	3758975.727	697.05
LOCATION	L0006395	VOLUME	496412.397	3758966.502	697.97
LOCATION	L0006396	VOLUME	496422.928	3758957.277	698.81
LOCATION	L0006397	VOLUME	496433.459	3758948.052	698.95
LOCATION	L0006398	VOLUME	496443.990	3758938.827	699.25
LOCATION	L0006399	VOLUME	496454.521	3758929.603	699.91
LOCATION	L0006400	VOLUME	496465.052	3758920.378	700.88
LOCATION	L0006401	VOLUME	496475.583	3758911.153	701.50
LOCATION	L0006402	VOLUME	496486.114	3758901.928	701.81
LOCATION	L0006403	VOLUME	496496.784	3758892.865	702.27
LOCATION	L0006404	VOLUME	496507.511	3758883.869	702.86
LOCATION	L0006405	VOLUME	496518.237	3758874.872	703.50
LOCATION	L0006406	VOLUME	496528.964	3758865.876	704.02
LOCATION	L0006407	VOLUME	496539.691	3758856.879	704.63
LOCATION	L0006408	VOLUME	496550.703	3758848.248	704.85
LOCATION	L0006409	VOLUME	496562.016	3758840.000	705.03
LOCATION	L0006410	VOLUME	496573.328	3758831.752	705.05
LOCATION	L0006411	VOLUME	496584.640	3758823.503	704.95
LOCATION	L0006412	VOLUME	496596.352	3758815.851	704.81
LOCATION	L0006413	VOLUME	496608.274	3758808.511	704.94
LOCATION	L0006414	VOLUME	496620.324	3758801.404	705.16
LOCATION	L0006415	VOLUME	496632.879	3758795.209	705.34
LOCATION	L0006416	VOLUME	496645.433	3758789.013	705.29
LOCATION	L0006417	VOLUME	496658.222	3758783.393	705.06
LOCATION	L0006418	VOLUME	496671.531	3758779.049	705.00
LOCATION	L0006419	VOLUME	496684.840	3758774.705	705.06
LOCATION	L0006420	VOLUME	496698.149	3758770.361	705.40
LOCATION	L0006421	VOLUME	496711.458	3758766.017	705.80
LOCATION	L0006422	VOLUME	496724.833	3758761.906	706.00
LOCATION	L0006423	VOLUME	496738.457	3758758.686	706.00
LOCATION	L0006424	VOLUME	496752.082	3758755.466	706.02
LOCATION	L0006425	VOLUME	496765.706	3758752.245	706.10
LOCATION	L0006426	VOLUME	496779.331	3758749.025	706.09
LOCATION	L0006427	VOLUME	496792.956	3758745.805	706.42
LOCATION	L0006428	VOLUME	496806.467	3758742.164	706.87
LOCATION	L0006429	VOLUME	496819.863	3758738.097	707.08
LOCATION	L0006430	VOLUME	496832.042	3758731.671	707.35
LOCATION	L0006431	VOLUME	496843.120	3758723.111	707.88
LOCATION	L0006432	VOLUME	496854.198	3758714.551	708.43
LOCATION	L0006433	VOLUME	496863.412	3758704.141	708.67
LOCATION	L0006434	VOLUME	496871.883	3758692.994	709.05
LOCATION	L0006435	VOLUME	496877.354	3758680.399	709.42
LOCATION	L0006436	VOLUME	496880.461	3758666.790	709.98

\*\* End of LINE VOLUME Source ID = SLINE29

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\*\* Line Source Represented by Adjacent Volume Sources  
\*\* LINE VOLUME Source ID = SLINE30  
\*\* DESCRSRC WH CV 4% E  
\*\* PREFIX  
\*\* Length of Side = 8.59  
\*\* Configuration = Adjacent  
\*\* Emission Rate = 5.281E-07  
\*\* Vertical Dimension = 6.99  
\*\* SZINIT = 3.25  
\*\* Nodes = 2  
\*\* 496880.776, 3758659.964, 710.41, 3.49, 4.00  
\*\* 497198.031, 3758669.847, 720.98, 3.49, 4.00

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LOCATION L0006437 VOLUME 496885.069 3758660.098 710.36  
LOCATION L0006438 VOLUME 496893.654 3758660.366 710.63  
LOCATION L0006439 VOLUME 496902.240 3758660.633 710.91  
LOCATION L0006440 VOLUME 496910.826 3758660.900 711.19  
LOCATION L0006441 VOLUME 496919.412 3758661.168 711.46  
LOCATION L0006442 VOLUME 496927.998 3758661.435 711.74  
LOCATION L0006443 VOLUME 496936.584 3758661.703 712.02  
LOCATION L0006444 VOLUME 496945.169 3758661.970 712.30  
LOCATION L0006445 VOLUME 496953.755 3758662.238 712.57  
LOCATION L0006446 VOLUME 496962.341 3758662.505 712.86  
LOCATION L0006447 VOLUME 496970.927 3758662.773 713.21  
LOCATION L0006448 VOLUME 496979.513 3758663.040 713.55  
LOCATION L0006449 VOLUME 496988.099 3758663.307 713.90  
LOCATION L0006450 VOLUME 496996.684 3758663.575 714.21  
LOCATION L0006451 VOLUME 497005.270 3758663.842 714.49  
LOCATION L0006452 VOLUME 497013.856 3758664.110 714.78  
LOCATION L0006453 VOLUME 497022.442 3758664.377 715.07  
LOCATION L0006454 VOLUME 497031.028 3758664.645 715.35  
LOCATION L0006455 VOLUME 497039.614 3758664.912 715.64  
LOCATION L0006456 VOLUME 497048.200 3758665.180 715.92  
LOCATION L0006457 VOLUME 497056.785 3758665.447 716.49  
LOCATION L0006458 VOLUME 497065.371 3758665.714 717.15  
LOCATION L0006459 VOLUME 497073.957 3758665.982 717.82  
LOCATION L0006460 VOLUME 497082.543 3758666.249 718.34  
LOCATION L0006461 VOLUME 497091.129 3758666.517 718.35  
LOCATION L0006462 VOLUME 497099.715 3758666.784 718.35  
LOCATION L0006463 VOLUME 497108.300 3758667.052 718.36  
LOCATION L0006464 VOLUME 497116.886 3758667.319 718.37  
LOCATION L0006465 VOLUME 497125.472 3758667.586 718.38  
LOCATION L0006466 VOLUME 497134.058 3758667.854 718.39  
LOCATION L0006467 VOLUME 497142.644 3758668.121 718.47  
LOCATION L0006468 VOLUME 497151.230 3758668.389 718.77  
LOCATION L0006469 VOLUME 497159.815 3758668.656 719.06  
LOCATION L0006470 VOLUME 497168.401 3758668.924 719.36  
LOCATION L0006471 VOLUME 497176.987 3758669.191 719.87  
LOCATION L0006472 VOLUME 497185.573 3758669.459 720.45  
LOCATION L0006473 VOLUME 497194.159 3758669.726 721.03

\*\* End of LINE VOLUME Source ID = SLINE30

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\*\* Line Source Represented by Adjacent Volume Sources  
\*\* LINE VOLUME Source ID = SLINE31  
\*\* DESCRSRC WH CV 26%  
\*\* PREFIX  
\*\* Length of Side = 8.59  
\*\* Configuration = Adjacent  
\*\* Emission Rate = 2.861E-06  
\*\* Vertical Dimension = 6.99  
\*\* SZINIT = 3.25  
\*\* Nodes = 11  
\*\* 496876.686, 3758658.601, 710.18, 3.49, 4.00  
\*\* 496843.973, 3758657.920, 710.15, 3.49, 4.00  
\*\* 496810.918, 3758655.875, 716.00, 3.49, 4.00  
\*\* 496786.042, 3758654.171, 716.11, 3.49, 4.00

\*\* 496756.736, 3758649.401, 716.37, 3.49, 4.00  
\*\* 496729.134, 3758643.607, 716.19, 3.49, 4.00  
\*\* 496704.939, 3758634.407, 717.30, 3.49, 4.00  
\*\* 496687.560, 3758627.591, 716.04, 3.49, 4.00  
\*\* 496663.706, 3758614.983, 717.34, 3.49, 4.00  
\*\* 496640.875, 3758599.989, 718.95, 3.49, 4.00  
\*\* 496626.562, 3758590.788, 718.95, 3.49, 4.00

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LOCATION L0006474 VOLUME 496872.392 3758658.512 709.99  
LOCATION L0006475 VOLUME 496863.804 3758658.333 709.90  
LOCATION L0006476 VOLUME 496855.216 3758658.154 709.87  
LOCATION L0006477 VOLUME 496846.628 3758657.975 709.84  
LOCATION L0006478 VOLUME 496838.050 3758657.553 710.33  
LOCATION L0006479 VOLUME 496829.476 3758657.023 712.06  
LOCATION L0006480 VOLUME 496820.903 3758656.493 713.85  
LOCATION L0006481 VOLUME 496812.329 3758655.962 715.65  
LOCATION L0006482 VOLUME 496803.759 3758655.385 716.08  
LOCATION L0006483 VOLUME 496795.189 3758654.798 716.14  
LOCATION L0006484 VOLUME 496786.619 3758654.211 716.20  
LOCATION L0006485 VOLUME 496778.134 3758652.884 716.34  
LOCATION L0006486 VOLUME 496769.656 3758651.504 716.52  
LOCATION L0006487 VOLUME 496761.177 3758650.124 716.73  
LOCATION L0006488 VOLUME 496752.733 3758648.560 717.00  
LOCATION L0006489 VOLUME 496744.326 3758646.796 717.05  
LOCATION L0006490 VOLUME 496735.919 3758645.032 717.00  
LOCATION L0006491 VOLUME 496727.585 3758643.019 716.99  
LOCATION L0006492 VOLUME 496719.556 3758639.965 717.08  
LOCATION L0006493 VOLUME 496711.527 3758636.912 716.78  
LOCATION L0006494 VOLUME 496703.504 3758633.844 716.43  
LOCATION L0006495 VOLUME 496695.507 3758630.708 716.03  
LOCATION L0006496 VOLUME 496687.512 3758627.566 715.96  
LOCATION L0006497 VOLUME 496679.918 3758623.552 716.41  
LOCATION L0006498 VOLUME 496672.324 3758619.538 716.87  
LOCATION L0006499 VOLUME 496664.729 3758615.524 717.47  
LOCATION L0006500 VOLUME 496657.493 3758610.903 718.02  
LOCATION L0006501 VOLUME 496650.313 3758606.188 718.33  
LOCATION L0006502 VOLUME 496643.133 3758601.472 718.65  
LOCATION L0006503 VOLUME 496635.922 3758596.805 718.96  
LOCATION L0006504 VOLUME 496628.696 3758592.160 718.96

\*\* End of LINE VOLUME Source ID = SLINE31

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\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE32

\*\* DESCRSRC WH CV 4% W

\*\* PREFIX

\*\* Length of Side = 14.00

\*\* Configuration = Adjacent

\*\* Emission Rate = 6.736E-07

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 13

\*\* 496623.836, 3758588.403, 718.89, 3.49, 6.51  
\*\* 496583.285, 3758550.578, 719.65, 3.49, 6.51  
\*\* 496561.135, 3758527.746, 719.11, 3.49, 6.51  
\*\* 496542.733, 3758506.618, 718.99, 3.49, 6.51  
\*\* 496529.443, 3758486.172, 718.07, 3.49, 6.51  
\*\* 496501.159, 3758445.280, 719.00, 3.49, 6.51  
\*\* 496485.143, 3758416.996, 719.00, 3.49, 6.51  
\*\* 496475.602, 3758400.639, 719.00, 3.49, 6.51  
\*\* 496467.764, 3758376.104, 719.75, 3.49, 6.51  
\*\* 496462.993, 3758355.999, 721.68, 3.49, 6.51  
\*\* 496457.200, 3758324.989, 719.00, 3.49, 6.51  
\*\* 496454.133, 3758299.090, 719.00, 3.49, 6.51  
\*\* 496448.340, 3758239.456, 718.01, 3.49, 6.51

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LOCATION L0006505 VOLUME 496618.717 3758583.628 718.94

LOCATION	VOLUME				
L0006506	496608.480	3758574.079	719.35		
L0006507	496598.242	3758564.529	720.05		
L0006508	496588.004	3758554.980	720.06		
L0006509	496578.031	3758545.162	719.65		
L0006510	496568.282	3758535.113	719.00		
L0006511	496558.681	3758524.929	719.00		
L0006512	496549.487	3758514.372	719.00		
L0006513	496540.707	3758503.501	718.91		
L0006514	496533.077	3758491.763	718.52		
L0006515	496525.273	3758480.142	718.13		
L0006516	496517.309	3758468.628	718.25		
L0006517	496509.345	3758457.114	718.64		
L0006518	496501.381	3758445.600	719.00		
L0006519	496494.453	3758433.436	719.00		
L0006520	496487.554	3758421.254	719.00		
L0006521	496480.554	3758409.129	719.00		
L0006522	496474.333	3758396.666	719.13		
L0006523	496470.072	3758383.330	719.69		
L0006524	496466.283	3758369.863	721.16		
L0006525	496463.051	3758356.241	722.25		
L0006526	496460.468	3758342.482	720.63		
L0006527	496457.897	3758328.720	719.23		
L0006528	496456.000	3758314.855	719.00		
L0006529	496454.354	3758300.953	719.00		
L0006530	496452.961	3758287.022	719.00		
L0006531	496451.607	3758273.088	719.00		
L0006532	496450.254	3758259.154	718.77		
L0006533	496448.900	3758245.219	718.30		

\*\* End of LINE VOLUME Source ID = SLINE32

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\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE33

\*\* DESCRSRC WH Calimesa 15%

\*\* PREFIX

\*\* Length of Side = 14.00

\*\* Configuration = Adjacent

\*\* Emission Rate = 2.299E-06

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 8

\*\* 496200.805, 3759159.545, 695.00, 3.49, 6.51

\*\* 496161.184, 3759190.205, 695.00, 3.49, 6.51

\*\* 496135.713, 3759209.544, 695.00, 3.49, 6.51

\*\* 496110.242, 3759226.524, 695.00, 3.49, 6.51

\*\* 496067.318, 3759251.524, 695.00, 3.49, 6.51

\*\* 496015.905, 3759278.882, 694.15, 3.49, 6.51

\*\* 495938.548, 3759320.862, 694.96, 3.49, 6.51

\*\* 495885.719, 3759349.163, 695.00, 3.49, 6.51

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LOCATION	VOLUME				
L0006534	496195.269	3759163.829	695.00		
L0006535	496184.197	3759172.397	695.00		
L0006536	496173.125	3759180.965	695.00		
L0006537	496162.053	3759189.532	695.00		
L0006538	496150.909	3759198.006	695.00		
L0006539	496139.758	3759206.472	695.00		
L0006540	496128.290	3759214.492	695.00		
L0006541	496116.642	3759222.258	695.00		
L0006542	496104.791	3759229.699	695.00		
L0006543	496092.693	3759236.745	695.00		
L0006544	496080.595	3759243.791	695.00		
L0006545	496068.498	3759250.837	695.00		
L0006546	496056.164	3759257.459	694.96		
L0006547	496043.805	3759264.036	694.74		
L0006548	496031.445	3759270.612	694.52		
L0006549	496019.086	3759277.189	694.30		
L0006550	496006.767	3759283.840	694.08		



LOCATION	L0006551	VOLUME	495994.462	3759290.518	694.00
LOCATION	L0006552	VOLUME	495982.158	3759297.195	694.00
LOCATION	L0006553	VOLUME	495969.853	3759303.873	694.01
LOCATION	L0006554	VOLUME	495957.548	3759310.551	694.35
LOCATION	L0006555	VOLUME	495945.243	3759317.228	694.81
LOCATION	L0006556	VOLUME	495932.922	3759323.876	694.81
LOCATION	L0006557	VOLUME	495920.581	3759330.487	694.84
LOCATION	L0006558	VOLUME	495908.240	3759337.098	695.00
LOCATION	L0006559	VOLUME	495895.900	3759343.709	695.00

\*\* End of LINE VOLUME Source ID = SLINE33

\*\* -----

\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE34

\*\* DESCRSRC WH Calimesa 35%

\*\* PREFIX

\*\* Length of Side = 14.00

\*\* Configuration = Adjacent

\*\* Emission Rate = 2.18E-06

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 5

\*\* 495884.558, 3759350.234, 695.00, 3.49, 6.51

\*\* 495863.332, 3759362.970, 695.00, 3.49, 6.51

\*\* 495815.690, 3759393.159, 695.00, 3.49, 6.51

\*\* 495781.727, 3759414.857, 695.19, 3.49, 6.51

\*\* 495758.142, 3759430.423, 696.04, 3.49, 6.51

\*\* -----

LOCATION	L0006560	VOLUME	495878.556	3759353.835	695.00
LOCATION	L0006561	VOLUME	495866.551	3759361.038	695.00
LOCATION	L0006562	VOLUME	495854.677	3759368.454	695.00
LOCATION	L0006563	VOLUME	495842.851	3759375.947	695.00
LOCATION	L0006564	VOLUME	495831.026	3759383.441	695.00
LOCATION	L0006565	VOLUME	495819.200	3759390.934	695.00
LOCATION	L0006566	VOLUME	495807.394	3759398.459	695.00
LOCATION	L0006567	VOLUME	495795.596	3759405.996	695.00
LOCATION	L0006568	VOLUME	495783.798	3759413.534	695.41
LOCATION	L0006569	VOLUME	495772.094	3759421.215	695.81
LOCATION	L0006570	VOLUME	495760.409	3759428.927	696.00

\*\* End of LINE VOLUME Source ID = SLINE34

\*\* -----

\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE35

\*\* DESCRSRC WH Calimesa 70%

\*\* PREFIX

\*\* Length of Side = 14.00

\*\* Configuration = Adjacent

\*\* Emission Rate = 0.00001458

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 20

\*\* 495756.256, 3759432.310, 696.04, 3.49, 6.51

\*\* 495725.595, 3759454.480, 697.56, 3.49, 6.51

\*\* 495689.746, 3759483.725, 696.75, 3.49, 6.51

\*\* 495663.802, 3759506.367, 696.78, 3.49, 6.51

\*\* 495646.350, 3759525.235, 697.02, 3.49, 6.51

\*\* 495627.953, 3759547.405, 697.80, 3.49, 6.51

\*\* 495611.444, 3759569.574, 697.83, 3.49, 6.51

\*\* 495600.595, 3759597.405, 698.00, 3.49, 6.51

\*\* 495593.991, 3759614.858, 698.35, 3.49, 6.51

\*\* 495586.915, 3759646.933, 698.96, 3.49, 6.51

\*\* 495584.557, 3759664.386, 699.11, 3.49, 6.51

\*\* 495588.802, 3759686.556, 699.20, 3.49, 6.51

\*\* 495593.519, 3759705.896, 699.91, 3.49, 6.51

\*\* 495607.670, 3759740.330, 700.93, 3.49, 6.51

\*\* 495616.161, 3759761.085, 701.08, 3.49, 6.51

\*\* 495622.765, 3759773.349, 701.31, 3.49, 6.51

\*\* 495627.482, 3759793.160, 701.86, 3.49, 6.51  
\*\* 495633.614, 3759817.689, 702.85, 3.49, 6.51  
\*\* 495632.670, 3759837.500, 702.93, 3.49, 6.51  
\*\* 495629.368, 3759856.840, 703.00, 3.49, 6.51

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LOCATION L0006571      VOLUME  495750.583 3759436.411 696.34  
LOCATION L0006572      VOLUME  495739.238 3759444.615 696.99  
LOCATION L0006573      VOLUME  495727.893 3759452.818 697.47  
LOCATION L0006574      VOLUME  495716.945 3759461.537 697.40  
LOCATION L0006575      VOLUME  495706.097 3759470.386 697.16  
LOCATION L0006576      VOLUME  495695.248 3759479.236 696.90  
LOCATION L0006577      VOLUME  495684.548 3759488.261 696.86  
LOCATION L0006578      VOLUME  495674.000 3759497.467 697.04  
LOCATION L0006579      VOLUME  495663.487 3759506.708 697.12  
LOCATION L0006580      VOLUME  495653.980 3759516.985 697.15  
LOCATION L0006581      VOLUME  495644.586 3759527.361 697.17  
LOCATION L0006582      VOLUME  495635.646 3759538.134 697.40  
LOCATION L0006583      VOLUME  495626.786 3759548.972 697.76  
LOCATION L0006584      VOLUME  495618.424 3759560.200 698.00  
LOCATION L0006585      VOLUME  495610.604 3759571.729 698.00  
LOCATION L0006586      VOLUME  495605.519 3759584.773 697.99  
LOCATION L0006587      VOLUME  495600.438 3759597.818 698.26  
LOCATION L0006588      VOLUME  495595.484 3759610.912 698.41  
LOCATION L0006589      VOLUME  495591.884 3759624.410 698.55  
LOCATION L0006590      VOLUME  495588.868 3759638.081 698.81  
LOCATION L0006591      VOLUME  495586.255 3759651.824 699.04  
LOCATION L0006592      VOLUME  495584.806 3759665.686 699.10  
LOCATION L0006593      VOLUME  495587.439 3759679.436 699.32  
LOCATION L0006594      VOLUME  495590.402 3759693.114 699.71  
LOCATION L0006595      VOLUME  495593.840 3759706.676 700.01  
LOCATION L0006596      VOLUME  495599.162 3759719.625 700.28  
LOCATION L0006597      VOLUME  495604.483 3759732.575 700.71  
LOCATION L0006598      VOLUME  495609.796 3759745.527 700.99  
LOCATION L0006599      VOLUME  495615.097 3759758.485 701.08  
LOCATION L0006600      VOLUME  495621.466 3759770.938 701.47  
LOCATION L0006601      VOLUME  495625.373 3759784.305 701.80  
LOCATION L0006602      VOLUME  495628.669 3759797.911 702.06  
LOCATION L0006603      VOLUME  495632.065 3759811.493 702.51  
LOCATION L0006604      VOLUME  495633.252 3759825.293 702.97  
LOCATION L0006605      VOLUME  495632.371 3759839.254 703.00  
LOCATION L0006606      VOLUME  495630.015 3759853.055 703.00
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\*\* End of LINE VOLUME Source ID = SLINE35

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\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE38

\*\* DESCRSRC WH Singleton 4% W

\*\* PREFIX

\*\* Length of Side = 8.59

\*\* Configuration = Adjacent

\*\* Emission Rate = 5.952E-07

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 6

\*\* 495278.383, 3759818.731, 695.99, 3.49, 4.00

\*\* 495199.711, 3759801.721, 693.66, 3.49, 4.00

\*\* 495164.628, 3759785.774, 690.72, 3.49, 4.00

\*\* 495130.607, 3759764.512, 687.00, 3.49, 4.00

\*\* 495107.219, 3759743.249, 685.02, 3.49, 4.00

\*\* 494992.400, 3759622.052, 679.30, 3.49, 4.00

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LOCATION L0006607      VOLUME  495274.185 3759817.824 695.79  
LOCATION L0006608      VOLUME  495265.789 3759816.008 695.51  
LOCATION L0006609      VOLUME  495257.393 3759814.193 695.23  
LOCATION L0006610      VOLUME  495248.997 3759812.378 694.98  
LOCATION L0006611      VOLUME  495240.601 3759810.562 694.83  
LOCATION L0006612      VOLUME  495232.205 3759808.747 694.65
```

LOCATION	VOLUME			
L0006613	495223.809	3759806.931	694.43	
L0006614	495215.413	3759805.116	694.25	
L0006615	495207.017	3759803.301	694.13	
L0006616	495198.695	3759801.260	694.05	
L0006617	495190.875	3759797.705	694.00	
L0006618	495183.055	3759794.150	693.08	
L0006619	495175.235	3759790.596	692.02	
L0006620	495167.415	3759787.041	691.02	
L0006621	495159.940	3759782.844	690.07	
L0006622	495152.656	3759778.292	689.19	
L0006623	495145.371	3759773.739	688.38	
L0006624	495138.087	3759769.186	687.64	
L0006625	495130.803	3759764.634	686.98	
L0006626	495124.422	3759758.888	686.56	
L0006627	495118.066	3759753.110	686.15	
L0006628	495111.710	3759747.332	685.75	
L0006629	495105.485	3759741.419	685.34	
L0006630	495099.577	3759735.183	684.94	
L0006631	495093.670	3759728.947	684.53	
L0006632	495087.762	3759722.711	684.13	
L0006633	495081.854	3759716.475	683.72	
L0006634	495075.946	3759710.240	683.32	
L0006635	495070.039	3759704.004	682.93	
L0006636	495064.131	3759697.768	682.72	
L0006637	495058.223	3759691.532	682.51	
L0006638	495052.316	3759685.296	682.30	
L0006639	495046.408	3759679.060	682.10	
L0006640	495040.500	3759672.824	681.89	
L0006641	495034.592	3759666.588	681.68	
L0006642	495028.685	3759660.352	681.47	
L0006643	495022.777	3759654.116	681.26	
L0006644	495016.869	3759647.880	681.06	
L0006645	495010.961	3759641.644	680.85	
L0006646	495005.054	3759635.408	680.46	
L0006647	494999.146	3759629.172	680.06	
L0006648	494993.238	3759622.936	679.65	

\*\* End of LINE VOLUME Source ID = SLINE38

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\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE40

\*\* DESCRSRC TTP 1 Idle 127

\*\* PREFIX

\*\* Length of Side = 8.59

\*\* Configuration = Adjacent

\*\* Emission Rate = 4.072E-06

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 8

\*\* 495729.226, 3759728.593, 701.90, 3.49, 4.00

\*\* 495807.496, 3759740.846, 702.88, 3.49, 4.00

\*\* 495814.848, 3759745.748, 703.01, 3.49, 4.00

\*\* 495824.191, 3759765.047, 703.98, 3.49, 4.00

\*\* 495832.769, 3759764.128, 703.90, 3.49, 4.00

\*\* 495835.985, 3759772.093, 703.93, 3.49, 4.00

\*\* 496046.594, 3759674.217, 703.95, 3.49, 4.00

\*\* 496070.794, 3759729.665, 705.13, 3.49, 4.00

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LOCATION	VOLUME			
L0007013	495733.469	3759729.257	701.79	
L0007014	495741.956	3759730.586	701.89	
L0007015	495750.442	3759731.914	701.95	
L0007016	495758.929	3759733.243	702.00	
L0007017	495767.416	3759734.571	702.22	
L0007018	495775.902	3759735.900	702.51	
L0007019	495784.389	3759737.229	702.83	
L0007020	495792.876	3759738.557	703.08	
L0007021	495801.362	3759739.886	703.12	

LOCATION	VOLUME				
L0007022	495809.477	3759742.167	703.20		
L0007023	495815.778	3759747.670	703.38		
L0007024	495819.521	3759755.402	703.64		
L0007025	495823.265	3759763.133	703.91		
L0007026	495830.618	3759764.358	703.96		
L0007027	495835.175	3759770.087	704.13		
L0007028	495841.814	3759769.384	704.11		
L0007029	495849.604	3759765.764	704.00		
L0007030	495857.393	3759762.144	704.20		
L0007031	495865.183	3759758.524	704.37		
L0007032	495872.973	3759754.904	704.47		
L0007033	495880.763	3759751.283	704.50		
L0007034	495888.553	3759747.663	704.38		
L0007035	495896.343	3759744.043	704.26		
L0007036	495904.133	3759740.423	704.14		
L0007037	495911.923	3759736.803	704.07		
L0007038	495919.713	3759733.182	704.28		
L0007039	495927.502	3759729.562	704.44		
L0007040	495935.292	3759725.942	704.55		
L0007041	495943.082	3759722.322	704.54		
L0007042	495950.872	3759718.702	704.42		
L0007043	495958.662	3759715.082	704.30		
L0007044	495966.452	3759711.461	704.18		
L0007045	495974.242	3759707.841	704.06		
L0007046	495982.032	3759704.221	703.93		
L0007047	495989.822	3759700.601	703.81		
L0007048	495997.612	3759696.981	703.69		
L0007049	496005.401	3759693.361	703.64		
L0007050	496013.191	3759689.740	703.69		
L0007051	496020.981	3759686.120	703.79		
L0007052	496028.771	3759682.500	703.96		
L0007053	496036.561	3759678.880	704.00		
L0007054	496044.351	3759675.260	704.00		
L0007055	496049.041	3759679.824	704.00		
L0007056	496052.477	3759687.696	704.00		
L0007057	496055.913	3759695.569	704.00		
L0007058	496059.349	3759703.442	704.00		
L0007059	496062.785	3759711.315	704.18		
L0007060	496066.221	3759719.188	704.52		
L0007061	496069.658	3759727.060	704.91		

\*\* End of LINE VOLUME Source ID = SLINE40

\*\* -----

\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE41

\*\* DESCRSRC TTP 1 Idle 86

\*\* PREFIX

\*\* Length of Side = 8.59

\*\* Configuration = Adjacent

\*\* Emission Rate = 2.757E-06

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 4

\*\* 495896.640, 3759786.184, 705.43, 3.49, 4.00

\*\* 496034.187, 3759722.925, 705.18, 3.49, 4.00

\*\* 496040.314, 3759741.306, 705.62, 3.49, 4.00

\*\* 495919.003, 3759793.996, 705.89, 3.49, 4.00

\*\* -----

LOCATION	VOLUME				
L0007062	495900.542	3759784.390	705.41		
L0007063	495908.347	3759780.801	705.45		
L0007064	495916.151	3759777.211	705.49		
L0007065	495923.955	3759773.622	705.59		
L0007066	495931.759	3759770.033	705.75		
L0007067	495939.563	3759766.444	705.97		
L0007068	495947.368	3759762.854	705.89		
L0007069	495955.172	3759759.265	705.77		
L0007070	495962.976	3759755.676	705.65		

LOCATION	VOLUME				
L0007071	495970.780	3759752.087	705.53		
L0007072	495978.584	3759748.498	705.41		
L0007073	495986.389	3759744.908	705.29		
L0007074	495994.193	3759741.319	705.17		
L0007075	496001.997	3759737.730	705.10		
L0007076	496009.801	3759734.141	705.22		
L0007077	496017.605	3759730.551	705.28		
L0007078	496025.410	3759726.962	705.27		
L0007079	496033.214	3759723.373	705.09		
L0007080	496036.565	3759730.059	705.43		
L0007081	496039.281	3759738.208	705.79		
L0007082	496035.430	3759743.427	706.11		
L0007083	496027.551	3759746.849	706.26		
L0007084	496019.672	3759750.271	706.11		
L0007085	496011.793	3759753.693	705.96		
L0007086	496003.914	3759757.116	705.81		
L0007087	495996.036	3759760.538	705.81		
L0007088	495988.157	3759763.960	705.93		
L0007089	495980.278	3759767.382	706.04		
L0007090	495972.399	3759770.804	706.15		
L0007091	495964.520	3759774.226	706.22		
L0007092	495956.641	3759777.648	706.21		
L0007093	495948.762	3759781.071	706.14		
L0007094	495940.883	3759784.493	706.01		
L0007095	495933.004	3759787.915	705.93		
L0007096	495925.125	3759791.337	705.92		

\*\* End of LINE VOLUME Source ID = SLINE41

\*\*

\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE42

\*\* DESCRSRC TTP 1 Idle 41

\*\* PREFIX

\*\* Length of Side = 8.59

\*\* Configuration = Adjacent

\*\* Emission Rate = 1.314E-06

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 2

\*\* 495950.097, 3759819.422, 707.05, 3.49, 4.00

\*\* 496076.615, 3759763.515, 706.81, 3.49, 4.00

\*\*

LOCATION	VOLUME				
L0007132	495954.025	3759817.686	707.17		
L0007133	495961.882	3759814.214	707.32		
L0007134	495969.739	3759810.742	707.46		
L0007135	495977.596	3759807.270	707.37		
L0007136	495985.453	3759803.799	707.25		
L0007137	495993.311	3759800.327	707.14		
L0007138	496001.168	3759796.855	707.05		
L0007139	496009.025	3759793.383	707.19		
L0007140	496016.882	3759789.911	707.34		
L0007141	496024.739	3759786.439	707.49		
L0007142	496032.596	3759782.967	707.56		
L0007143	496040.453	3759779.495	707.44		
L0007144	496048.310	3759776.023	707.33		
L0007145	496056.167	3759772.551	707.21		
L0007146	496064.024	3759769.079	707.10		
L0007147	496071.881	3759765.607	706.97		

\*\* End of LINE VOLUME Source ID = SLINE42

\*\*

\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE43

\*\* DESCRSRC TTP 2 Idle 258

\*\* PREFIX

\*\* Length of Side = 8.59

\*\* Configuration = Adjacent

\*\* Emission Rate = 8.271E-06

\*\* Vertical Dimension = 6.99  
\*\* SZINIT = 3.25  
\*\* Nodes = 4  
\*\* 496525.575, 3759501.704, 714.79, 3.49, 4.00  
\*\* 496172.276, 3759661.334, 702.68, 3.49, 4.00  
\*\* 496179.319, 3759678.060, 703.00, 3.49, 4.00  
\*\* 496537.606, 3759515.202, 715.82, 3.49, 4.00

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LOCATION	L0007148	VOLUME	496521.661	3759503.472	714.75
LOCATION	L0007149	VOLUME	496513.833	3759507.009	714.23
LOCATION	L0007150	VOLUME	496506.005	3759510.546	713.70
LOCATION	L0007151	VOLUME	496498.177	3759514.083	713.18
LOCATION	L0007152	VOLUME	496490.349	3759517.620	712.66
LOCATION	L0007153	VOLUME	496482.521	3759521.157	712.14
LOCATION	L0007154	VOLUME	496474.693	3759524.694	711.62
LOCATION	L0007155	VOLUME	496466.865	3759528.230	711.13
LOCATION	L0007156	VOLUME	496459.037	3759531.767	710.71
LOCATION	L0007157	VOLUME	496451.209	3759535.304	710.35
LOCATION	L0007158	VOLUME	496443.381	3759538.841	710.19
LOCATION	L0007159	VOLUME	496435.553	3759542.378	710.04
LOCATION	L0007160	VOLUME	496427.725	3759545.915	709.90
LOCATION	L0007161	VOLUME	496419.897	3759549.452	709.76
LOCATION	L0007162	VOLUME	496412.068	3759552.989	709.61
LOCATION	L0007163	VOLUME	496404.240	3759556.526	709.46
LOCATION	L0007164	VOLUME	496396.412	3759560.063	709.20
LOCATION	L0007165	VOLUME	496388.584	3759563.600	708.94
LOCATION	L0007166	VOLUME	496380.756	3759567.137	708.68
LOCATION	L0007167	VOLUME	496372.928	3759570.674	708.42
LOCATION	L0007168	VOLUME	496365.100	3759574.210	708.16
LOCATION	L0007169	VOLUME	496357.272	3759577.747	707.89
LOCATION	L0007170	VOLUME	496349.444	3759581.284	707.63
LOCATION	L0007171	VOLUME	496341.616	3759584.821	707.37
LOCATION	L0007172	VOLUME	496333.788	3759588.358	707.11
LOCATION	L0007173	VOLUME	496325.960	3759591.895	706.73
LOCATION	L0007174	VOLUME	496318.132	3759595.432	706.31
LOCATION	L0007175	VOLUME	496310.304	3759598.969	705.94
LOCATION	L0007176	VOLUME	496302.476	3759602.506	705.64
LOCATION	L0007177	VOLUME	496294.648	3759606.043	705.28
LOCATION	L0007178	VOLUME	496286.820	3759609.580	704.87
LOCATION	L0007179	VOLUME	496278.992	3759613.117	704.47
LOCATION	L0007180	VOLUME	496271.164	3759616.654	704.06
LOCATION	L0007181	VOLUME	496263.336	3759620.190	703.90
LOCATION	L0007182	VOLUME	496255.508	3759623.727	703.75
LOCATION	L0007183	VOLUME	496247.680	3759627.264	703.61
LOCATION	L0007184	VOLUME	496239.852	3759630.801	703.48
LOCATION	L0007185	VOLUME	496232.023	3759634.338	703.44
LOCATION	L0007186	VOLUME	496224.195	3759637.875	703.33
LOCATION	L0007187	VOLUME	496216.367	3759641.412	703.17
LOCATION	L0007188	VOLUME	496208.539	3759644.949	702.94
LOCATION	L0007189	VOLUME	496200.711	3759648.486	702.75
LOCATION	L0007190	VOLUME	496192.883	3759652.023	702.61
LOCATION	L0007191	VOLUME	496185.055	3759655.560	702.47
LOCATION	L0007192	VOLUME	496177.227	3759659.097	702.43
LOCATION	L0007193	VOLUME	496173.501	3759664.243	702.60
LOCATION	L0007194	VOLUME	496176.835	3759672.160	702.87
LOCATION	L0007195	VOLUME	496181.311	3759677.154	703.06
LOCATION	L0007196	VOLUME	496189.131	3759673.599	703.20
LOCATION	L0007197	VOLUME	496196.951	3759670.045	703.35
LOCATION	L0007198	VOLUME	496204.772	3759666.490	703.49
LOCATION	L0007199	VOLUME	496212.592	3759662.936	703.59
LOCATION	L0007200	VOLUME	496220.412	3759659.381	703.63
LOCATION	L0007201	VOLUME	496228.232	3759655.826	703.72
LOCATION	L0007202	VOLUME	496236.052	3759652.272	703.88
LOCATION	L0007203	VOLUME	496243.872	3759648.717	704.11
LOCATION	L0007204	VOLUME	496251.692	3759645.163	704.34
LOCATION	L0007205	VOLUME	496259.512	3759641.608	704.48

LOCATION	VOLUME				
L0007206	496267.332	3759638.054	704.63		
L0007207	496275.152	3759634.499	704.83		
L0007208	496282.972	3759630.944	705.12		
L0007209	496290.792	3759627.390	705.48		
L0007210	496298.612	3759623.835	705.89		
L0007211	496306.432	3759620.281	706.20		
L0007212	496314.252	3759616.726	706.46		
L0007213	496322.072	3759613.172	706.69		
L0007214	496329.892	3759609.617	706.98		
L0007215	496337.712	3759606.062	707.24		
L0007216	496345.532	3759602.508	707.50		
L0007217	496353.352	3759598.953	707.76		
L0007218	496361.172	3759595.399	708.03		
L0007219	496368.993	3759591.844	708.34		
L0007220	496376.813	3759588.290	708.58		
L0007221	496384.633	3759584.735	708.81		
L0007222	496392.453	3759581.181	709.07		
L0007223	496400.273	3759577.626	709.33		
L0007224	496408.093	3759574.071	709.59		
L0007225	496415.913	3759570.517	709.85		
L0007226	496423.733	3759566.962	710.11		
L0007227	496431.553	3759563.408	710.37		
L0007228	496439.373	3759559.853	710.63		
L0007229	496447.193	3759556.299	710.89		
L0007230	496455.013	3759552.744	711.06		
L0007231	496462.833	3759549.189	711.28		
L0007232	496470.653	3759545.635	711.56		
L0007233	496478.473	3759542.080	711.90		
L0007234	496486.293	3759538.526	712.39		
L0007235	496494.113	3759534.971	712.91		
L0007236	496501.933	3759531.417	713.43		
L0007237	496509.753	3759527.862	713.95		
L0007238	496517.573	3759524.307	714.48		
L0007239	496525.393	3759520.753	715.00		
L0007240	496533.214	3759517.198	715.52		

\*\* End of LINE VOLUME Source ID = SLINE43

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\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE44

\*\* DESCRSRC TTP 2 Idle 129

\*\* PREFIX

\*\* Length of Side = 8.59

\*\* Configuration = Adjacent

\*\* Emission Rate = 4.136E-06

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 2

\*\* 496135.303, 3759635.511, 701.85, 3.49, 4.00

\*\* 496491.243, 3759472.947, 712.25, 3.49, 4.00

-----

LOCATION	VOLUME				
L0007241	496139.210	3759633.727	701.58		
L0007242	496147.023	3759630.158	701.47		
L0007243	496154.837	3759626.590	701.44		
L0007244	496162.651	3759623.021	701.54		
L0007245	496170.464	3759619.452	701.70		
L0007246	496178.278	3759615.884	701.92		
L0007247	496186.092	3759612.315	702.04		
L0007248	496193.905	3759608.746	702.09		
L0007249	496201.719	3759605.178	702.08		
L0007250	496209.533	3759601.609	702.01		
L0007251	496217.346	3759598.040	701.93		
L0007252	496225.160	3759594.472	701.91		
L0007253	496232.973	3759590.903	701.95		
L0007254	496240.787	3759587.335	702.05		
L0007255	496248.601	3759583.766	702.27		
L0007256	496256.414	3759580.197	702.53		

LOCATION	VOLUME				
L0007257	496264.228	3759576.629	702.79		
L0007258	496272.042	3759573.060	703.11		
L0007259	496279.855	3759569.491	703.63		
L0007260	496287.669	3759565.923	704.15		
L0007261	496295.483	3759562.354	704.67		
L0007262	496303.296	3759558.785	705.19		
L0007263	496311.110	3759555.217	705.70		
L0007264	496318.923	3759551.648	706.14		
L0007265	496326.737	3759548.080	706.52		
L0007266	496334.551	3759544.511	706.75		
L0007267	496342.364	3759540.942	706.89		
L0007268	496350.178	3759537.374	707.03		
L0007269	496357.992	3759533.805	707.17		
L0007270	496365.805	3759530.236	707.31		
L0007271	496373.619	3759526.668	707.46		
L0007272	496381.433	3759523.099	707.63		
L0007273	496389.246	3759519.530	707.75		
L0007274	496397.060	3759515.962	707.88		
L0007275	496404.873	3759512.393	708.02		
L0007276	496412.687	3759508.825	708.16		
L0007277	496420.501	3759505.256	708.31		
L0007278	496428.314	3759501.687	708.66		
L0007279	496436.128	3759498.119	709.08		
L0007280	496443.942	3759494.550	709.51		
L0007281	496451.755	3759490.981	709.92		
L0007282	496459.569	3759487.413	710.41		
L0007283	496467.383	3759483.844	710.95		
L0007284	496475.196	3759480.275	711.56		
L0007285	496483.010	3759476.707	712.17		
L0007286	496490.824	3759473.138	712.69		

\*\* End of LINE VOLUME Source ID = SLINE44

\*\* -----

\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE45

\*\* DESCRSRC TTP 2 Idle 16

\*\* PREFIX

\*\* Length of Side = 8.59

\*\* Configuration = Adjacent

\*\* Emission Rate = 5.13E-07

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 2

\*\* 496151.735, 3759693.025, 703.68, 3.49, 4.00

\*\* 496132.075, 3759649.009, 701.98, 3.49, 4.00

\*\* -----

LOCATION L0007287	VOLUME 496149.984	3759689.103	703.44		
LOCATION L0007288	VOLUME 496146.481	3759681.260	703.28		
LOCATION L0007289	VOLUME 496142.977	3759673.417	703.13		
LOCATION L0007290	VOLUME 496139.474	3759665.574	702.88		
LOCATION L0007291	VOLUME 496135.971	3759657.731	702.57		
LOCATION L0007292	VOLUME 496132.467	3759649.888	702.20		

\*\* End of LINE VOLUME Source ID = SLINE45

\*\* -----

\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE46

\*\* DESCRSRC TTP 2 Idle 83

\*\* PREFIX

\*\* Length of Side = 8.59

\*\* Configuration = Adjacent

\*\* Emission Rate = 2.661E-06

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 2

\*\* 496175.504, 3759722.956, 704.68, 3.49, 4.00

\*\* 496456.911, 3759590.615, 711.14, 3.49, 4.00

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LOCATION	VOLUME				
L0007293	496179.391	3759721.128	704.50		
L0007294	496187.164	3759717.472	704.38		
L0007295	496194.937	3759713.816	704.25		
L0007296	496202.711	3759710.161	704.13		
L0007297	496210.484	3759706.505	704.01		
L0007298	496218.257	3759702.850	704.23		
L0007299	496226.030	3759699.194	704.40		
L0007300	496233.804	3759695.538	704.50		
L0007301	496241.577	3759691.883	704.54		
L0007302	496249.350	3759688.227	704.58		
L0007303	496257.124	3759684.571	704.68		
L0007304	496264.897	3759680.916	704.84		
L0007305	496272.670	3759677.260	705.00		
L0007306	496280.444	3759673.604	705.03		
L0007307	496288.217	3759669.949	705.12		
L0007308	496295.990	3759666.293	705.28		
L0007309	496303.764	3759662.637	705.62		
L0007310	496311.537	3759658.982	706.10		
L0007311	496319.310	3759655.326	706.52		
L0007312	496327.084	3759651.671	706.87		
L0007313	496334.857	3759648.015	707.29		
L0007314	496342.630	3759644.359	707.79		
L0007315	496350.403	3759640.704	708.21		
L0007316	496358.177	3759637.048	708.57		
L0007317	496365.950	3759633.392	708.84		
L0007318	496373.723	3759629.737	709.14		
L0007319	496381.497	3759626.081	709.50		
L0007320	496389.270	3759622.425	709.93		
L0007321	496397.043	3759618.770	710.22		
L0007322	496404.817	3759615.114	710.44		
L0007323	496412.590	3759611.458	710.58		
L0007324	496420.363	3759607.803	710.72		
L0007325	496428.137	3759604.147	710.86		
L0007326	496435.910	3759600.491	710.99		
L0007327	496443.683	3759596.836	711.13		
L0007328	496451.456	3759593.180	711.29		

\*\* End of LINE VOLUME Source ID = SLINE46

\*\* -----

\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE47

\*\* DESCRSRC TTP 2 Idle 62

\*\* PREFIX

\*\* Length of Side = 8.59

\*\* Configuration = Adjacent

\*\* Emission Rate = 1.988E-06

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 4

\*\* 496427.273, 3759358.761, 706.07, 3.49, 4.00

\*\* 496341.619, 3759397.772, 704.13, 3.49, 4.00

\*\* 496348.192, 3759413.249, 704.48, 3.49, 4.00

\*\* 496433.210, 3759374.239, 707.21, 3.49, 4.00

\*\* -----

LOCATION	VOLUME				
L0007329	496423.365	3759360.542	706.53		
L0007330	496415.547	3759364.102	706.60		
L0007331	496407.730	3759367.662	706.72		
L0007332	496399.913	3759371.223	706.83		
L0007333	496392.095	3759374.783	706.95		
L0007334	496384.278	3759378.344	706.59		
L0007335	496376.460	3759381.904	706.07		
L0007336	496368.643	3759385.464	705.55		
L0007337	496360.826	3759389.025	705.03		
L0007338	496353.008	3759392.585	704.75		
L0007339	496345.191	3759396.146	704.49		
L0007340	496343.443	3759402.067	704.43		
L0007341	496346.800	3759409.973	704.55		

LOCATION L0007342	VOLUME	496352.764	3759411.151	704.74
LOCATION L0007343	VOLUME	496360.571	3759407.569	705.01
LOCATION L0007344	VOLUME	496368.379	3759403.987	705.53
LOCATION L0007345	VOLUME	496376.186	3759400.404	706.05
LOCATION L0007346	VOLUME	496383.993	3759396.822	706.57
LOCATION L0007347	VOLUME	496391.800	3759393.239	707.05
LOCATION L0007348	VOLUME	496399.608	3759389.657	707.27
LOCATION L0007349	VOLUME	496407.415	3759386.075	707.37
LOCATION L0007350	VOLUME	496415.222	3759382.492	707.35
LOCATION L0007351	VOLUME	496423.030	3759378.910	707.26
LOCATION L0007352	VOLUME	496430.837	3759375.327	707.31

\*\* End of LINE VOLUME Source ID = SLINE47

\*\* -----

\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE48

\*\* DESCRSRC TTP 2 Idle 26

\*\* PREFIX

\*\* Length of Side = 8.59

\*\* Configuration = Adjacent

\*\* Emission Rate = 8.336E-07

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 2

\*\* 496344.178, 3759425.692, 704.27, 3.49, 4.00

\*\* 496376.040, 3759497.688, 706.79, 3.49, 4.00

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LOCATION L0007353	VOLUME	496345.916	3759429.620	704.52
LOCATION L0007354	VOLUME	496349.392	3759437.475	704.65
LOCATION L0007355	VOLUME	496352.869	3759445.330	704.82
LOCATION L0007356	VOLUME	496356.345	3759453.185	704.94
LOCATION L0007357	VOLUME	496359.821	3759461.040	705.00
LOCATION L0007358	VOLUME	496363.298	3759468.895	705.27
LOCATION L0007359	VOLUME	496366.774	3759476.750	705.84
LOCATION L0007360	VOLUME	496370.250	3759484.606	706.35
LOCATION L0007361	VOLUME	496373.727	3759492.461	706.81

\*\* End of LINE VOLUME Source ID = SLINE48

\*\* -----

\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE49

\*\* DESCRSRC TTP 2 Idle 32

\*\* PREFIX

\*\* Length of Side = 8.59

\*\* Configuration = Adjacent

\*\* Emission Rate = 1.026E-06

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 2

\*\* 496388.907, 3759501.517, 707.00, 3.49, 4.00

\*\* 496477.600, 3759462.150, 711.93, 3.49, 4.00

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LOCATION L0007362	VOLUME	496392.833	3759499.775	707.20
LOCATION L0007363	VOLUME	496400.684	3759496.290	707.35
LOCATION L0007364	VOLUME	496408.536	3759492.805	707.49
LOCATION L0007365	VOLUME	496416.387	3759489.320	707.64
LOCATION L0007366	VOLUME	496424.238	3759485.835	707.91
LOCATION L0007367	VOLUME	496432.090	3759482.350	708.32
LOCATION L0007368	VOLUME	496439.941	3759478.865	708.72
LOCATION L0007369	VOLUME	496447.792	3759475.380	709.13
LOCATION L0007370	VOLUME	496455.643	3759471.895	709.68
LOCATION L0007371	VOLUME	496463.495	3759468.410	710.35
LOCATION L0007372	VOLUME	496471.346	3759464.925	711.06

\*\* End of LINE VOLUME Source ID = SLINE49

\*\* -----

\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE50

\*\* DESCRSRC TTP 2 Idle 64

\*\* PREFIX  
\*\* Length of Side = 8.59  
\*\* Configuration = Adjacent  
\*\* Emission Rate = 2.052E-06  
\*\* Vertical Dimension = 6.99  
\*\* SZINIT = 3.25  
\*\* Nodes = 6  
\*\* 496586.820, 3759525.720, 716.69, 3.49, 4.00  
\*\* 496570.582, 3759493.092, 718.00, 3.49, 4.00  
\*\* 496566.753, 3759488.037, 718.01, 3.49, 4.00  
\*\* 496458.912, 3759403.174, 709.06, 3.49, 4.00  
\*\* 496453.857, 3759398.579, 708.97, 3.49, 4.00  
\*\* 496445.279, 3759378.052, 707.88, 3.49, 4.00

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LOCATION L0007373 VOLUME 496584.906 3759521.875 716.77  
LOCATION L0007374 VOLUME 496581.079 3759514.185 717.15  
LOCATION L0007375 VOLUME 496577.252 3759506.495 717.54  
LOCATION L0007376 VOLUME 496573.425 3759498.804 717.92  
LOCATION L0007377 VOLUME 496569.248 3759491.331 718.08  
LOCATION L0007378 VOLUME 496563.249 3759485.280 717.88  
LOCATION L0007379 VOLUME 496556.499 3759479.968 717.61  
LOCATION L0007380 VOLUME 496549.748 3759474.656 717.34  
LOCATION L0007381 VOLUME 496542.998 3759469.344 717.06  
LOCATION L0007382 VOLUME 496536.247 3759464.032 716.66  
LOCATION L0007383 VOLUME 496529.497 3759458.720 716.24  
LOCATION L0007384 VOLUME 496522.746 3759453.407 715.91  
LOCATION L0007385 VOLUME 496515.996 3759448.095 715.65  
LOCATION L0007386 VOLUME 496509.245 3759442.783 715.39  
LOCATION L0007387 VOLUME 496502.495 3759437.471 714.62  
LOCATION L0007388 VOLUME 496495.744 3759432.159 713.42  
LOCATION L0007389 VOLUME 496488.994 3759426.847 712.11  
LOCATION L0007390 VOLUME 496482.243 3759421.534 710.81  
LOCATION L0007391 VOLUME 496475.493 3759416.222 710.11  
LOCATION L0007392 VOLUME 496468.742 3759410.910 709.71  
LOCATION L0007393 VOLUME 496461.992 3759405.598 709.35  
LOCATION L0007394 VOLUME 496455.456 3759400.032 708.89  
LOCATION L0007395 VOLUME 496451.378 3759392.647 708.55  
LOCATION L0007396 VOLUME 496448.066 3759384.721 708.23

\*\* End of LINE VOLUME Source ID = SLINE50

\*\* -----  
\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE51

\*\* DESCRSRC TTP 2 Idle 38

\*\* PREFIX

\*\* Length of Side = 8.59

\*\* Configuration = Adjacent

\*\* Emission Rate = 1.218E-06

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 4

\*\* 496437.619, 3759418.186, 708.72, 3.49, 4.00  
\*\* 496385.537, 3759442.236, 706.89, 3.49, 4.00  
\*\* 496392.430, 3759457.860, 706.14, 3.49, 4.00  
\*\* 496444.513, 3759433.198, 708.99, 3.49, 4.00

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LOCATION L0007397 VOLUME 496433.720 3759419.987 708.74  
LOCATION L0007398 VOLUME 496425.921 3759423.588 708.53  
LOCATION L0007399 VOLUME 496418.123 3759427.189 708.20  
LOCATION L0007400 VOLUME 496410.324 3759430.790 707.78  
LOCATION L0007401 VOLUME 496402.525 3759434.391 707.43  
LOCATION L0007402 VOLUME 496394.727 3759437.992 707.08  
LOCATION L0007403 VOLUME 496386.928 3759441.594 706.61  
LOCATION L0007404 VOLUME 496388.386 3759448.693 706.47  
LOCATION L0007405 VOLUME 496391.854 3759456.553 706.37  
LOCATION L0007406 VOLUME 496398.902 3759454.796 706.66  
LOCATION L0007407 VOLUME 496406.666 3759451.120 707.04

LOCATION L0007408	VOLUME	496414.429	3759447.443	707.42
LOCATION L0007409	VOLUME	496422.193	3759443.767	707.82
LOCATION L0007410	VOLUME	496429.956	3759440.091	708.23
LOCATION L0007411	VOLUME	496437.720	3759436.414	708.57

\*\* End of LINE VOLUME Source ID = SLINE51

\*\* Source Parameters \*\*

\*\* LINE VOLUME Source ID = SLINE4

SRCPARAM L0005414	0.0000003356	3.49	4.00	3.25
SRCPARAM L0005415	0.0000003356	3.49	4.00	3.25
SRCPARAM L0005416	0.0000003356	3.49	4.00	3.25
SRCPARAM L0005417	0.0000003356	3.49	4.00	3.25
SRCPARAM L0005418	0.0000003356	3.49	4.00	3.25
SRCPARAM L0005419	0.0000003356	3.49	4.00	3.25
SRCPARAM L0005420	0.0000003356	3.49	4.00	3.25
SRCPARAM L0005421	0.0000003356	3.49	4.00	3.25
SRCPARAM L0005422	0.0000003356	3.49	4.00	3.25
SRCPARAM L0005423	0.0000003356	3.49	4.00	3.25
SRCPARAM L0005424	0.0000003356	3.49	4.00	3.25
SRCPARAM L0005425	0.0000003356	3.49	4.00	3.25
SRCPARAM L0005426	0.0000003356	3.49	4.00	3.25
SRCPARAM L0005427	0.0000003356	3.49	4.00	3.25
SRCPARAM L0005428	0.0000003356	3.49	4.00	3.25
SRCPARAM L0005429	0.0000003356	3.49	4.00	3.25
SRCPARAM L0005430	0.0000003356	3.49	4.00	3.25
SRCPARAM L0005431	0.0000003356	3.49	4.00	3.25
SRCPARAM L0005432	0.0000003356	3.49	4.00	3.25
SRCPARAM L0005433	0.0000003356	3.49	4.00	3.25
SRCPARAM L0005434	0.0000003356	3.49	4.00	3.25
SRCPARAM L0005435	0.0000003356	3.49	4.00	3.25
SRCPARAM L0005436	0.0000003356	3.49	4.00	3.25
SRCPARAM L0005437	0.0000003356	3.49	4.00	3.25
SRCPARAM L0005438	0.0000003356	3.49	4.00	3.25
SRCPARAM L0005439	0.0000003356	3.49	4.00	3.25
SRCPARAM L0005440	0.0000003356	3.49	4.00	3.25
SRCPARAM L0005441	0.0000003356	3.49	4.00	3.25

\*\*

\*\* LINE VOLUME Source ID = SLINE5

SRCPARAM L0005442	0.0000003758	3.49	4.00	3.25
SRCPARAM L0005443	0.0000003758	3.49	4.00	3.25
SRCPARAM L0005444	0.0000003758	3.49	4.00	3.25
SRCPARAM L0005445	0.0000003758	3.49	4.00	3.25
SRCPARAM L0005446	0.0000003758	3.49	4.00	3.25
SRCPARAM L0005447	0.0000003758	3.49	4.00	3.25
SRCPARAM L0005448	0.0000003758	3.49	4.00	3.25
SRCPARAM L0005449	0.0000003758	3.49	4.00	3.25
SRCPARAM L0005450	0.0000003758	3.49	4.00	3.25
SRCPARAM L0005451	0.0000003758	3.49	4.00	3.25
SRCPARAM L0005452	0.0000003758	3.49	4.00	3.25
SRCPARAM L0005453	0.0000003758	3.49	4.00	3.25
SRCPARAM L0005454	0.0000003758	3.49	4.00	3.25
SRCPARAM L0005455	0.0000003758	3.49	4.00	3.25
SRCPARAM L0005456	0.0000003758	3.49	4.00	3.25
SRCPARAM L0005457	0.0000003758	3.49	4.00	3.25
SRCPARAM L0005458	0.0000003758	3.49	4.00	3.25
SRCPARAM L0005459	0.0000003758	3.49	4.00	3.25
SRCPARAM L0005460	0.0000003758	3.49	4.00	3.25
SRCPARAM L0005461	0.0000003758	3.49	4.00	3.25
SRCPARAM L0005462	0.0000003758	3.49	4.00	3.25
SRCPARAM L0005463	0.0000003758	3.49	4.00	3.25
SRCPARAM L0005464	0.0000003758	3.49	4.00	3.25
SRCPARAM L0005465	0.0000003758	3.49	4.00	3.25
SRCPARAM L0005466	0.0000003758	3.49	4.00	3.25

\*\*

\*\* LINE VOLUME Source ID = SLINE6

SRCPARAM L0005467	0.0000006643	3.49	4.00	3.25
SRCPARAM L0005468	0.0000006643	3.49	4.00	3.25





















































































SRCPARAM	L0007365	0.00000009327	3.49	4.00	3.25
SRCPARAM	L0007366	0.00000009327	3.49	4.00	3.25
SRCPARAM	L0007367	0.00000009327	3.49	4.00	3.25
SRCPARAM	L0007368	0.00000009327	3.49	4.00	3.25
SRCPARAM	L0007369	0.00000009327	3.49	4.00	3.25
SRCPARAM	L0007370	0.00000009327	3.49	4.00	3.25
SRCPARAM	L0007371	0.00000009327	3.49	4.00	3.25
SRCPARAM	L0007372	0.00000009327	3.49	4.00	3.25

\*\*

\*\* LINE VOLUME Source ID = SLINE50

SRCPARAM	L0007373	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0007374	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0007375	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0007376	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0007377	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0007378	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0007379	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0007380	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0007381	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0007382	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0007383	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0007384	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0007385	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0007386	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0007387	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0007388	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0007389	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0007390	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0007391	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0007392	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0007393	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0007394	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0007395	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0007396	0.0000000855	3.49	4.00	3.25

\*\*

\*\* LINE VOLUME Source ID = SLINE51

SRCPARAM	L0007397	0.0000000812	3.49	4.00	3.25
SRCPARAM	L0007398	0.0000000812	3.49	4.00	3.25
SRCPARAM	L0007399	0.0000000812	3.49	4.00	3.25
SRCPARAM	L0007400	0.0000000812	3.49	4.00	3.25
SRCPARAM	L0007401	0.0000000812	3.49	4.00	3.25
SRCPARAM	L0007402	0.0000000812	3.49	4.00	3.25
SRCPARAM	L0007403	0.0000000812	3.49	4.00	3.25
SRCPARAM	L0007404	0.0000000812	3.49	4.00	3.25
SRCPARAM	L0007405	0.0000000812	3.49	4.00	3.25
SRCPARAM	L0007406	0.0000000812	3.49	4.00	3.25
SRCPARAM	L0007407	0.0000000812	3.49	4.00	3.25
SRCPARAM	L0007408	0.0000000812	3.49	4.00	3.25
SRCPARAM	L0007409	0.0000000812	3.49	4.00	3.25
SRCPARAM	L0007410	0.0000000812	3.49	4.00	3.25
SRCPARAM	L0007411	0.0000000812	3.49	4.00	3.25

\*\*

URBANSRC ALL  
SRCGROUP ALL

SO FINISHED

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\*\* AERMOD Receptor Pathway

\*\*\*\*\*

\*\*

\*\*

RE STARTING

INCLUDED "13594 Ops Scenario 1,3.rou"

RE FINISHED

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```
** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
SURFFILE RDL_D_V9_ADJU\RDL_D_v9.SFC
PROFFILE RDL_D_V9_ADJU\RDL_D_v9.PFL
SURFDATA 3171 2012
UAIRDATA 3190 2012
SITEDATA 99999 2012
PROFBASE 481.0 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
** Auto-Generated Plotfiles
PLOTFILE PERIOD ALL "13594 OPS SCENARIO 1,3.AD\PE00GALL.PLT" 31
SUMMFILE "13594 Ops Scenario 1,3.sum"
OU FINISHED
**
*****
** Project Parameters
*****
** PROJCTN CoordinateSystemUTM
** DESCPTN UTM: Universal Transverse Mercator
** DATUM North American Datum 1983
** DTMRGN CONUS
** UNITS m
** ZONE 11
** ZONEINX 0
**
```

```
** Lakes Environmental AERMOD MPI
**
*****
**
** AERMOD INPUT PRODUCED BY:
** AERMOD VIEW VER. 11.2.0
** LAKES ENVIRONMENTAL SOFTWARE INC.
** DATE: 7/19/2023
** FILE: C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK VALLEY\13594 OPS SCENARIO 1,3\13594 OPS
SCENARIO 1,3.ADI
**
```

```
*****
**
**
*****
** AERMOD CONTROL PATHWAY
*****
**
**
```

```
CO STARTING
TITLEONE C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK VALLEY\13594 OPS\1359
MODELOPT DFAULT CONC
AVERTIME PERIOD
URBANOPT 2189641 RIVERSIDE COUNTY
POLLUTID DPM
RUNORNOT RUN
ERRORFIL "13594 OPS SCENARIO 1,3.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 = SLINE4
** DESCRSRC BLDG 3 IDLE N
** PREFIX
** LENGTH OF SIDE = 8.59
** CONFIGURATION = ADJACENT
** EMISSION RATE = 9.396E-06
** VERTICAL DIMENSION = 6.99
** SZINIT = 3.25
** NODES = 2
** 496104.802, 3759601.605, 702.26, 3.49, 4.00
** 496327.405, 3759504.216, 705.86, 3.49, 4.00
**
```

```
-----
LOCATION L0005414      VOLUME  496108.737 3759599.883 701.27
LOCATION L0005415      VOLUME  496116.607 3759596.440 700.64
LOCATION L0005416      VOLUME  496124.477 3759592.997 700.23
LOCATION L0005417      VOLUME  496132.346 3759589.554 700.11
LOCATION L0005418      VOLUME  496140.216 3759586.111 700.00
LOCATION L0005419      VOLUME  496148.086 3759582.668 699.88
LOCATION L0005420      VOLUME  496155.956 3759579.225 699.95
LOCATION L0005421      VOLUME  496163.826 3759575.782 700.10
LOCATION L0005422      VOLUME  496171.695 3759572.339 700.25
LOCATION L0005423      VOLUME  496179.565 3759568.896 700.40
LOCATION L0005424      VOLUME  496187.435 3759565.453 700.47
LOCATION L0005425      VOLUME  496195.305 3759562.010 700.59
LOCATION L0005426      VOLUME  496203.175 3759558.567 700.78
LOCATION L0005427      VOLUME  496211.044 3759555.124 701.02
LOCATION L0005428      VOLUME  496218.914 3759551.681 701.28
```

LOCATION L0005429	VOLUME	496226.784	3759548.238	701.55
LOCATION L0005430	VOLUME	496234.654	3759544.794	701.81
LOCATION L0005431	VOLUME	496242.523	3759541.351	702.07
LOCATION L0005432	VOLUME	496250.393	3759537.908	702.33
LOCATION L0005433	VOLUME	496258.263	3759534.465	702.59
LOCATION L0005434	VOLUME	496266.133	3759531.022	702.86
LOCATION L0005435	VOLUME	496274.003	3759527.579	703.24
LOCATION L0005436	VOLUME	496281.872	3759524.136	703.74
LOCATION L0005437	VOLUME	496289.742	3759520.693	704.17
LOCATION L0005438	VOLUME	496297.612	3759517.250	704.54
LOCATION L0005439	VOLUME	496305.482	3759513.807	704.83
LOCATION L0005440	VOLUME	496313.352	3759510.364	705.13
LOCATION L0005441	VOLUME	496321.221	3759506.921	705.50

\*\* END OF LINE VOLUME SOURCE ID = SLINE4

\*\* -----

\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

\*\* LINE VOLUME SOURCE ID = SLINE5

\*\* DESCRSRC BLDG 3 IDLE S

\*\* PREFIX

\*\* LENGTH OF SIDE = 8.59

\*\* CONFIGURATION = ADJACENT

\*\* EMISSION RATE = 9.396E-06

\*\* VERTICAL DIMENSION = 6.99

\*\* SZINIT = 3.25

\*\* NODES = 2

\*\* 496069.093, 3759496.332, 696.90, 3.49, 4.00

\*\* 496267.117, 3759411.928, 700.93, 3.49, 4.00

\*\* -----

LOCATION L0005442	VOLUME	496073.044	3759494.648	696.95
LOCATION L0005443	VOLUME	496080.946	3759491.280	696.84
LOCATION L0005444	VOLUME	496088.848	3759487.912	696.72
LOCATION L0005445	VOLUME	496096.750	3759484.544	696.61
LOCATION L0005446	VOLUME	496104.653	3759481.175	696.50
LOCATION L0005447	VOLUME	496112.555	3759477.807	696.39
LOCATION L0005448	VOLUME	496120.457	3759474.439	696.28
LOCATION L0005449	VOLUME	496128.359	3759471.071	696.43
LOCATION L0005450	VOLUME	496136.261	3759467.703	696.58
LOCATION L0005451	VOLUME	496144.163	3759464.335	696.73
LOCATION L0005452	VOLUME	496152.065	3759460.967	696.88
LOCATION L0005453	VOLUME	496159.968	3759457.599	697.03
LOCATION L0005454	VOLUME	496167.870	3759454.230	697.18
LOCATION L0005455	VOLUME	496175.772	3759450.862	697.33
LOCATION L0005456	VOLUME	496183.674	3759447.494	697.55
LOCATION L0005457	VOLUME	496191.576	3759444.126	697.91
LOCATION L0005458	VOLUME	496199.478	3759440.758	698.33
LOCATION L0005459	VOLUME	496207.380	3759437.390	698.80
LOCATION L0005460	VOLUME	496215.283	3759434.022	699.09
LOCATION L0005461	VOLUME	496223.185	3759430.654	699.24
LOCATION L0005462	VOLUME	496231.087	3759427.285	699.39
LOCATION L0005463	VOLUME	496238.989	3759423.917	699.54
LOCATION L0005464	VOLUME	496246.891	3759420.549	699.81
LOCATION L0005465	VOLUME	496254.793	3759417.181	700.15
LOCATION L0005466	VOLUME	496262.695	3759413.813	700.55

\*\* END OF LINE VOLUME SOURCE ID = SLINE5

\*\* -----

\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

\*\* LINE VOLUME SOURCE ID = SLINE6

\*\* DESCRSRC BLDG 4 IDLE

\*\* PREFIX

\*\* LENGTH OF SIDE = 8.59

\*\* CONFIGURATION = ADJACENT

\*\* EMISSION RATE = 0.0000186

\*\* VERTICAL DIMENSION = 6.99

\*\* SZINIT = 3.25

\*\* NODES = 2

\*\* 496020.862, 3759433.261, 694.16, 3.49, 4.00

\*\* 496244.393, 3759335.872, 699.38, 3.49, 4.00

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LOCATION L0005467 VOLUME 496024.800 3759431.546 694.16  
LOCATION L0005468 VOLUME 496032.675 3759428.115 694.00  
LOCATION L0005469 VOLUME 496040.550 3759424.684 694.00  
LOCATION L0005470 VOLUME 496048.425 3759421.253 694.00  
LOCATION L0005471 VOLUME 496056.300 3759417.822 694.00  
LOCATION L0005472 VOLUME 496064.175 3759414.391 694.03  
LOCATION L0005473 VOLUME 496072.050 3759410.959 694.06  
LOCATION L0005474 VOLUME 496079.925 3759407.528 694.03  
LOCATION L0005475 VOLUME 496087.800 3759404.097 694.00  
LOCATION L0005476 VOLUME 496095.675 3759400.666 694.14  
LOCATION L0005477 VOLUME 496103.550 3759397.235 694.31  
LOCATION L0005478 VOLUME 496111.425 3759393.804 694.41  
LOCATION L0005479 VOLUME 496119.300 3759390.373 694.46  
LOCATION L0005480 VOLUME 496127.175 3759386.942 694.58  
LOCATION L0005481 VOLUME 496135.050 3759383.511 694.73  
LOCATION L0005482 VOLUME 496142.925 3759380.080 694.88  
LOCATION L0005483 VOLUME 496150.800 3759376.649 695.03  
LOCATION L0005484 VOLUME 496158.675 3759373.218 695.20  
LOCATION L0005485 VOLUME 496166.550 3759369.787 695.44  
LOCATION L0005486 VOLUME 496174.425 3759366.356 695.73  
LOCATION L0005487 VOLUME 496182.300 3759362.925 696.10  
LOCATION L0005488 VOLUME 496190.176 3759359.494 696.47  
LOCATION L0005489 VOLUME 496198.051 3759356.063 696.78  
LOCATION L0005490 VOLUME 496205.926 3759352.632 697.03  
LOCATION L0005491 VOLUME 496213.801 3759349.201 697.31  
LOCATION L0005492 VOLUME 496221.676 3759345.770 697.77  
LOCATION L0005493 VOLUME 496229.551 3759342.339 698.45  
LOCATION L0005494 VOLUME 496237.426 3759338.908 699.07

\*\* END OF LINE VOLUME SOURCE ID = SLINE6

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\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

\*\* LINE VOLUME SOURCE ID = SLINE1

\*\* DESCRSRC BLDG 1 IDLE

\*\* PREFIX

\*\* LENGTH OF SIDE = 8.59

\*\* CONFIGURATION = ADJACENT

\*\* EMISSION RATE = 0.00001788

\*\* VERTICAL DIMENSION = 6.99

\*\* SZINIT = 3.25

\*\* NODES = 2

\*\* 495759.599, 3759514.278, 698.58, 3.49, 4.00

\*\* 495833.938, 3759679.911, 701.36, 3.49, 4.00

\*\*

-----  
LOCATION L0005495 VOLUME 495761.358 3759518.196 698.71  
LOCATION L0005496 VOLUME 495764.875 3759526.033 698.85  
LOCATION L0005497 VOLUME 495768.392 3759533.870 698.87  
LOCATION L0005498 VOLUME 495771.910 3759541.707 699.01  
LOCATION L0005499 VOLUME 495775.427 3759549.544 699.28  
LOCATION L0005500 VOLUME 495778.944 3759557.381 699.59  
LOCATION L0005501 VOLUME 495782.462 3759565.217 699.51  
LOCATION L0005502 VOLUME 495785.979 3759573.054 699.37  
LOCATION L0005503 VOLUME 495789.496 3759580.891 699.17  
LOCATION L0005504 VOLUME 495793.014 3759588.728 699.17  
LOCATION L0005505 VOLUME 495796.531 3759596.565 699.55  
LOCATION L0005506 VOLUME 495800.048 3759604.402 699.93  
LOCATION L0005507 VOLUME 495803.566 3759612.239 700.31  
LOCATION L0005508 VOLUME 495807.083 3759620.076 700.56  
LOCATION L0005509 VOLUME 495810.600 3759627.912 700.67  
LOCATION L0005510 VOLUME 495814.118 3759635.749 700.79  
LOCATION L0005511 VOLUME 495817.635 3759643.586 700.91  
LOCATION L0005512 VOLUME 495821.152 3759651.423 701.02  
LOCATION L0005513 VOLUME 495824.670 3759659.260 701.14  
LOCATION L0005514 VOLUME 495828.187 3759667.097 701.26  
LOCATION L0005515 VOLUME 495831.704 3759674.934 701.38

\*\* END OF LINE VOLUME SOURCE ID = SLINE1

\*\*

\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

\*\* LINE VOLUME SOURCE ID = SLINE2

\*\* DESCRSRC BLDG 2 IDLE W

\*\* PREFIX

\*\* LENGTH OF SIDE = 8.59

\*\* CONFIGURATION = ADJACENT

\*\* EMISSION RATE = 9.428E-06

\*\* VERTICAL DIMENSION = 6.99

\*\* SZINIT = 3.25

\*\* NODES = 2

\*\* 495913.968, 3759696.590, 703.77, 3.49, 4.00

\*\* 495839.526, 3759529.331, 699.81, 3.49, 4.00

\*\*

LOCATION L0005516	VOLUME	495912.221	3759692.666	703.55
LOCATION L0005517	VOLUME	495908.728	3759684.818	703.27
LOCATION L0005518	VOLUME	495905.236	3759676.970	703.02
LOCATION L0005519	VOLUME	495901.743	3759669.123	703.00
LOCATION L0005520	VOLUME	495898.250	3759661.275	703.00
LOCATION L0005521	VOLUME	495894.757	3759653.427	703.00
LOCATION L0005522	VOLUME	495891.264	3759645.579	702.99
LOCATION L0005523	VOLUME	495887.771	3759637.731	702.79
LOCATION L0005524	VOLUME	495884.279	3759629.883	702.53
LOCATION L0005525	VOLUME	495880.786	3759622.036	702.20
LOCATION L0005526	VOLUME	495877.293	3759614.188	702.07
LOCATION L0005527	VOLUME	495873.800	3759606.340	702.55
LOCATION L0005528	VOLUME	495870.307	3759598.492	702.84
LOCATION L0005529	VOLUME	495866.814	3759590.644	702.94
LOCATION L0005530	VOLUME	495863.322	3759582.797	702.61
LOCATION L0005531	VOLUME	495859.829	3759574.949	701.88
LOCATION L0005532	VOLUME	495856.336	3759567.101	701.15
LOCATION L0005533	VOLUME	495852.843	3759559.253	700.43
LOCATION L0005534	VOLUME	495849.350	3759551.405	700.00
LOCATION L0005535	VOLUME	495845.857	3759543.557	700.00
LOCATION L0005536	VOLUME	495842.365	3759535.710	700.00

\*\* END OF LINE VOLUME SOURCE ID = SLINE2

\*\*

\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

\*\* LINE VOLUME SOURCE ID = SLINE3

\*\* DESCRSRC BLDG 2 IDLE E

\*\* PREFIX

\*\* LENGTH OF SIDE = 8.59

\*\* CONFIGURATION = ADJACENT

\*\* EMISSION RATE = 9.428E-06

\*\* VERTICAL DIMENSION = 6.99

\*\* SZINIT = 3.25

\*\* NODES = 2

\*\* 496031.284, 3759643.350, 704.02, 3.49, 4.00

\*\* 495957.314, 3759476.091, 695.00, 3.49, 4.00

\*\*

LOCATION L0005537	VOLUME	496029.547	3759639.422	704.43
LOCATION L0005538	VOLUME	496026.073	3759631.566	704.90
LOCATION L0005539	VOLUME	496022.599	3759623.710	705.43
LOCATION L0005540	VOLUME	496019.124	3759615.854	706.01
LOCATION L0005541	VOLUME	496015.650	3759607.998	706.14
LOCATION L0005542	VOLUME	496012.175	3759600.142	706.21
LOCATION L0005543	VOLUME	496008.701	3759592.286	706.22
LOCATION L0005544	VOLUME	496005.227	3759584.430	706.04
LOCATION L0005545	VOLUME	496001.752	3759576.574	705.40
LOCATION L0005546	VOLUME	495998.278	3759568.718	704.85
LOCATION L0005547	VOLUME	495994.804	3759560.862	704.44
LOCATION L0005548	VOLUME	495991.329	3759553.006	703.83
LOCATION L0005549	VOLUME	495987.855	3759545.150	702.98
LOCATION L0005550	VOLUME	495984.381	3759537.294	702.44
LOCATION L0005551	VOLUME	495980.906	3759529.438	702.20

LOCATION	L0005552	VOLUME	495977.432	3759521.582	701.94
LOCATION	L0005553	VOLUME	495973.958	3759513.725	701.36
LOCATION	L0005554	VOLUME	495970.483	3759505.869	700.61
LOCATION	L0005555	VOLUME	495967.009	3759498.013	699.21
LOCATION	L0005556	VOLUME	495963.535	3759490.157	698.01
LOCATION	L0005557	VOLUME	495960.060	3759482.301	696.96

\*\* END OF LINE VOLUME SOURCE ID = SLINE3

\*\* -----

\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

\*\* LINE VOLUME SOURCE ID = SLINE7

\*\* DESCRSRC PARKING LOT ONSITE ALL

\*\* PREFIX

\*\* LENGTH OF SIDE = 8.59

\*\* CONFIGURATION = ADJACENT

\*\* EMISSION RATE = 0.00005887

\*\* VERTICAL DIMENSION = 6.99

\*\* SZINIT = 3.25

\*\* NODES = 9

\*\* 495893.250, 3759363.629, 695.00, 3.49, 4.00

\*\* 495907.828, 3759388.183, 694.91, 3.49, 4.00

\*\* 495922.407, 3759401.994, 694.73, 3.49, 4.00

\*\* 495943.892, 3759416.573, 694.07, 3.49, 4.00

\*\* 495969.213, 3759428.082, 694.89, 3.49, 4.00

\*\* 495983.792, 3759441.127, 694.92, 3.49, 4.00

\*\* 495995.301, 3759458.007, 695.00, 3.49, 4.00

\*\* 496008.345, 3759485.630, 695.97, 3.49, 4.00

\*\* 496115.001, 3759724.262, 704.86, 3.49, 4.00

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LOCATION	L0005558	VOLUME	495895.442	3759367.322	695.00
LOCATION	L0005559	VOLUME	495899.828	3759374.708	695.00
LOCATION	L0005560	VOLUME	495904.214	3759382.094	695.00
LOCATION	L0005561	VOLUME	495908.924	3759389.221	695.00
LOCATION	L0005562	VOLUME	495915.160	3759395.128	694.84
LOCATION	L0005563	VOLUME	495921.396	3759401.036	694.63
LOCATION	L0005564	VOLUME	495928.363	3759406.035	694.40
LOCATION	L0005565	VOLUME	495935.471	3759410.859	694.30
LOCATION	L0005566	VOLUME	495942.579	3759415.682	694.32
LOCATION	L0005567	VOLUME	495950.267	3759419.471	694.44
LOCATION	L0005568	VOLUME	495958.087	3759423.025	694.56
LOCATION	L0005569	VOLUME	495965.907	3759426.580	694.68
LOCATION	L0005570	VOLUME	495972.908	3759431.389	694.84
LOCATION	L0005571	VOLUME	495979.310	3759437.117	695.00
LOCATION	L0005572	VOLUME	495985.243	3759443.255	695.00
LOCATION	L0005573	VOLUME	495990.082	3759450.353	695.00
LOCATION	L0005574	VOLUME	495994.921	3759457.450	695.00
LOCATION	L0005575	VOLUME	495998.681	3759465.165	695.00
LOCATION	L0005576	VOLUME	496002.349	3759472.932	695.22
LOCATION	L0005577	VOLUME	496006.017	3759480.700	695.48
LOCATION	L0005578	VOLUME	496009.626	3759488.495	695.74
LOCATION	L0005579	VOLUME	496013.131	3759496.337	696.01
LOCATION	L0005580	VOLUME	496016.636	3759504.179	696.82
LOCATION	L0005581	VOLUME	496020.141	3759512.022	697.75
LOCATION	L0005582	VOLUME	496023.646	3759519.864	698.80
LOCATION	L0005583	VOLUME	496027.151	3759527.706	700.04
LOCATION	L0005584	VOLUME	496030.656	3759535.549	701.57
LOCATION	L0005585	VOLUME	496034.161	3759543.391	702.92
LOCATION	L0005586	VOLUME	496037.666	3759551.233	704.21
LOCATION	L0005587	VOLUME	496041.171	3759559.076	705.19
LOCATION	L0005588	VOLUME	496044.677	3759566.918	705.72
LOCATION	L0005589	VOLUME	496048.182	3759574.760	706.24
LOCATION	L0005590	VOLUME	496051.687	3759582.603	706.76
LOCATION	L0005591	VOLUME	496055.192	3759590.445	706.86
LOCATION	L0005592	VOLUME	496058.697	3759598.287	706.60
LOCATION	L0005593	VOLUME	496062.202	3759606.130	706.10
LOCATION	L0005594	VOLUME	496065.707	3759613.972	705.37
LOCATION	L0005595	VOLUME	496069.212	3759621.814	704.62



LOCATION	VOLUME				
L0005596	496072.717	3759629.657	704.01		
L0005597	496076.222	3759637.499	703.59		
L0005598	496079.728	3759645.342	703.36		
L0005599	496083.233	3759653.184	703.42		
L0005600	496086.738	3759661.026	703.56		
L0005601	496090.243	3759668.869	703.76		
L0005602	496093.748	3759676.711	704.00		
L0005603	496097.253	3759684.553	704.00		
L0005604	496100.758	3759692.396	704.00		
L0005605	496104.263	3759700.238	704.00		
L0005606	496107.768	3759708.080	704.09		
L0005607	496111.273	3759715.923	704.42		
L0005608	496114.779	3759723.765	704.70		

\*\* END OF LINE VOLUME SOURCE ID = SLINE7

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 \*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

\*\* LINE VOLUME SOURCE ID = SLINE8

\*\* DESCRSRC PARKING LOT 1 E

\*\* PREFIX

\*\* LENGTH OF SIDE = 8.59

\*\* CONFIGURATION = ADJACENT

\*\* EMISSION RATE = 9.193E-06

\*\* VERTICAL DIMENSION = 6.99

\*\* SZINIT = 3.25

\*\* NODES = 9

\*\* 496104.678, 3759728.214, 705.25, 3.49, 4.00  
 \*\* 495978.801, 3759786.914, 706.76, 3.49, 4.00  
 \*\* 495931.190, 3759809.089, 706.09, 3.49, 4.00  
 \*\* 495907.710, 3759804.523, 705.88, 3.49, 4.00  
 \*\* 495881.621, 3759796.045, 705.00, 3.49, 4.00  
 \*\* 495855.533, 3759784.957, 704.76, 3.49, 4.00  
 \*\* 496034.891, 3759707.996, 704.00, 3.49, 4.00  
 \*\* 496038.805, 3759706.039, 704.00, 3.49, 4.00  
 \*\* 496055.110, 3759745.824, 705.14, 3.49, 4.00

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LOCATION	VOLUME				
L0007412	496100.785	3759730.030	705.32		
L0007413	496093.000	3759733.660	705.75		
L0007414	496085.215	3759737.290	705.87		
L0007415	496077.430	3759740.921	705.79		
L0007416	496069.645	3759744.551	705.78		
L0007417	496061.860	3759748.182	705.83		
L0007418	496054.075	3759751.812	706.14		
L0007419	496046.289	3759755.442	706.45		
L0007420	496038.504	3759759.073	706.70		
L0007421	496030.719	3759762.703	706.88		
L0007422	496022.934	3759766.333	706.76		
L0007423	496015.149	3759769.964	706.62		
L0007424	496007.364	3759773.594	706.48		
L0007425	495999.579	3759777.225	706.37		
L0007426	495991.793	3759780.855	706.49		
L0007427	495984.008	3759784.485	706.61		
L0007428	495976.223	3759788.115	706.73		
L0007429	495968.436	3759791.741	706.80		
L0007430	495960.649	3759795.368	706.66		
L0007431	495952.862	3759798.995	706.51		
L0007432	495945.075	3759802.622	706.37		
L0007433	495937.288	3759806.248	706.34		
L0007434	495929.362	3759808.733	706.42		
L0007435	495920.930	3759807.094	706.36		
L0007436	495912.498	3759805.454	706.31		
L0007437	495904.179	3759803.376	706.03		
L0007438	495896.010	3759800.721	705.67		
L0007439	495887.840	3759798.066	705.31		
L0007440	495879.734	3759795.242	705.00		
L0007441	495871.828	3759791.882	704.96		
L0007442	495863.923	3759788.523	704.86		

LOCATION L0007443	VOLUME	495856.017	3759785.163	704.70
LOCATION L0007444	VOLUME	495862.944	3759781.777	704.72
LOCATION L0007445	VOLUME	495870.838	3759778.390	704.81
LOCATION L0007446	VOLUME	495878.732	3759775.003	704.96
LOCATION L0007447	VOLUME	495886.626	3759771.615	705.04
LOCATION L0007448	VOLUME	495894.520	3759768.228	705.03
LOCATION L0007449	VOLUME	495902.413	3759764.841	704.96
LOCATION L0007450	VOLUME	495910.307	3759761.454	704.84
LOCATION L0007451	VOLUME	495918.201	3759758.066	704.99
LOCATION L0007452	VOLUME	495926.095	3759754.679	705.14
LOCATION L0007453	VOLUME	495933.989	3759751.292	705.29
LOCATION L0007454	VOLUME	495941.883	3759747.905	705.39
LOCATION L0007455	VOLUME	495949.777	3759744.518	705.28
LOCATION L0007456	VOLUME	495957.671	3759741.130	705.16
LOCATION L0007457	VOLUME	495965.565	3759737.743	705.05
LOCATION L0007458	VOLUME	495973.459	3759734.356	704.94
LOCATION L0007459	VOLUME	495981.353	3759730.969	704.83
LOCATION L0007460	VOLUME	495989.247	3759727.581	704.71
LOCATION L0007461	VOLUME	495997.141	3759724.194	704.60
LOCATION L0007462	VOLUME	496005.035	3759720.807	704.56
LOCATION L0007463	VOLUME	496012.929	3759717.420	704.53
LOCATION L0007464	VOLUME	496020.823	3759714.032	704.44
LOCATION L0007465	VOLUME	496028.717	3759710.645	704.29
LOCATION L0007466	VOLUME	496036.565	3759707.159	704.06
LOCATION L0007467	VOLUME	496041.113	3759711.671	704.30
LOCATION L0007468	VOLUME	496044.370	3759719.619	704.69
LOCATION L0007469	VOLUME	496047.628	3759727.568	705.02
LOCATION L0007470	VOLUME	496050.885	3759735.516	705.29
LOCATION L0007471	VOLUME	496054.143	3759743.464	705.64

\*\* END OF LINE VOLUME SOURCE ID = SLINE8

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\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

\*\* LINE VOLUME SOURCE ID = SLINE9

\*\* DESCRSRC PARKING LOT 1 W

\*\* PREFIX

\*\* LENGTH OF SIDE = 8.59

\*\* CONFIGURATION = ADJACENT

\*\* EMISSION RATE = 2.459E-06

\*\* VERTICAL DIMENSION = 6.99

\*\* SZINIT = 3.25

\*\* NODES = 2

\*\* 495847.706, 3759784.305, 704.74, 3.49, 4.00

\*\* 495715.959, 3759745.172, 701.86, 3.49, 4.00

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LOCATION L0007472	VOLUME	495843.589	3759783.082	704.56
LOCATION L0007473	VOLUME	495835.355	3759780.636	704.48
LOCATION L0007474	VOLUME	495827.120	3759778.190	704.40
LOCATION L0007475	VOLUME	495818.886	3759775.744	704.30
LOCATION L0007476	VOLUME	495810.651	3759773.298	704.16
LOCATION L0007477	VOLUME	495802.417	3759770.852	704.06
LOCATION L0007478	VOLUME	495794.183	3759768.407	704.01
LOCATION L0007479	VOLUME	495785.948	3759765.961	703.84
LOCATION L0007480	VOLUME	495777.714	3759763.515	703.49
LOCATION L0007481	VOLUME	495769.479	3759761.069	703.13
LOCATION L0007482	VOLUME	495761.245	3759758.623	702.78
LOCATION L0007483	VOLUME	495753.010	3759756.177	702.50
LOCATION L0007484	VOLUME	495744.776	3759753.731	702.28
LOCATION L0007485	VOLUME	495736.542	3759751.285	702.10
LOCATION L0007486	VOLUME	495728.307	3759748.840	702.00
LOCATION L0007487	VOLUME	495720.073	3759746.394	702.00

\*\* END OF LINE VOLUME SOURCE ID = SLINE9

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\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

\*\* LINE VOLUME SOURCE ID = SLINE10

\*\* DESCRSRC PARKING LOT 2 N

\*\* PREFIX

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** LENGTH OF SIDE = 8.59
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.00004997
** VERTICAL DIMENSION = 6.99
** SZINIT = 3.25
** NODES = 9
** 496121.635, 3759721.040, 704.65, 3.49, 4.00
** 496179.030, 3759695.604, 703.80, 3.49, 4.00
** 496199.901, 3759689.734, 703.50, 3.49, 4.00
** 496561.227, 3759526.681, 716.16, 3.49, 4.00
** 496553.400, 3759502.549, 716.64, 3.49, 4.00
** 496537.747, 3759485.592, 716.15, 3.49, 4.00
** 496522.746, 3759477.765, 715.00, 3.49, 4.00
** 496152.942, 3759649.297, 701.99, 3.49, 4.00
** 496171.204, 3759693.647, 703.72, 3.49, 4.00

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LOCATION L0007488      VOLUME  496125.562 3759719.300 704.44
LOCATION L0007489      VOLUME  496133.415 3759715.819 704.32
LOCATION L0007490      VOLUME  496141.269 3759712.339 704.21
LOCATION L0007491      VOLUME  496149.122 3759708.859 704.09
LOCATION L0007492      VOLUME  496156.975 3759705.378 703.97
LOCATION L0007493      VOLUME  496164.829 3759701.898 703.86
LOCATION L0007494      VOLUME  496172.682 3759698.417 703.74
LOCATION L0007495      VOLUME  496180.615 3759695.158 703.63
LOCATION L0007496      VOLUME  496188.884 3759692.832 703.68
LOCATION L0007497      VOLUME  496197.153 3759690.507 703.77
LOCATION L0007498      VOLUME  496205.129 3759687.375 703.89
LOCATION L0007499      VOLUME  496212.959 3759683.841 704.02
LOCATION L0007500      VOLUME  496220.789 3759680.308 704.05
LOCATION L0007501      VOLUME  496228.618 3759676.775 704.01
LOCATION L0007502      VOLUME  496236.448 3759673.242 703.99
LOCATION L0007503      VOLUME  496244.278 3759669.708 704.13
LOCATION L0007504      VOLUME  496252.107 3759666.175 704.39
LOCATION L0007505      VOLUME  496259.937 3759662.642 704.65
LOCATION L0007506      VOLUME  496267.767 3759659.109 704.91
LOCATION L0007507      VOLUME  496275.596 3759655.575 705.12
LOCATION L0007508      VOLUME  496283.426 3759652.042 705.35
LOCATION L0007509      VOLUME  496291.256 3759648.509 705.64
LOCATION L0007510      VOLUME  496299.086 3759644.976 705.95
LOCATION L0007511      VOLUME  496306.915 3759641.442 706.22
LOCATION L0007512      VOLUME  496314.745 3759637.909 706.48
LOCATION L0007513      VOLUME  496322.575 3759634.376 706.74
LOCATION L0007514      VOLUME  496330.404 3759630.843 707.00
LOCATION L0007515      VOLUME  496338.234 3759627.309 707.36
LOCATION L0007516      VOLUME  496346.064 3759623.776 707.65
LOCATION L0007517      VOLUME  496353.893 3759620.243 707.89
LOCATION L0007518      VOLUME  496361.723 3759616.710 708.10
LOCATION L0007519      VOLUME  496369.553 3759613.176 708.58
LOCATION L0007520      VOLUME  496377.383 3759609.643 709.01
LOCATION L0007521      VOLUME  496385.212 3759606.110 709.37
LOCATION L0007522      VOLUME  496393.042 3759602.576 709.63
LOCATION L0007523      VOLUME  496400.872 3759599.043 709.78
LOCATION L0007524      VOLUME  496408.701 3759595.510 709.92
LOCATION L0007525      VOLUME  496416.531 3759591.977 710.06
LOCATION L0007526      VOLUME  496424.361 3759588.443 710.21
LOCATION L0007527      VOLUME  496432.190 3759584.910 710.39
LOCATION L0007528      VOLUME  496440.020 3759581.377 710.65
LOCATION L0007529      VOLUME  496447.850 3759577.844 710.91
LOCATION L0007530      VOLUME  496455.680 3759574.310 711.28
LOCATION L0007531      VOLUME  496463.509 3759570.777 711.65
LOCATION L0007532      VOLUME  496471.339 3759567.244 711.95
LOCATION L0007533      VOLUME  496479.169 3759563.711 712.20
LOCATION L0007534      VOLUME  496486.998 3759560.177 712.51
LOCATION L0007535      VOLUME  496494.828 3759556.644 712.96
LOCATION L0007536      VOLUME  496502.658 3759553.111 713.48
LOCATION L0007537      VOLUME  496510.487 3759549.578 714.00

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LOCATION	L0007538	VOLUME	496518.317	3759546.044	714.18
LOCATION	L0007539	VOLUME	496526.147	3759542.511	714.48
LOCATION	L0007540	VOLUME	496533.976	3759538.978	714.90
LOCATION	L0007541	VOLUME	496541.806	3759535.445	715.40
LOCATION	L0007542	VOLUME	496549.636	3759531.911	715.68
LOCATION	L0007543	VOLUME	496557.466	3759528.378	715.89
LOCATION	L0007544	VOLUME	496559.849	3759522.435	716.16
LOCATION	L0007545	VOLUME	496557.199	3759514.264	716.44
LOCATION	L0007546	VOLUME	496554.549	3759506.093	716.63
LOCATION	L0007547	VOLUME	496550.100	3759498.975	716.58
LOCATION	L0007548	VOLUME	496544.274	3759492.663	716.37
LOCATION	L0007549	VOLUME	496538.448	3759486.351	716.17
LOCATION	L0007550	VOLUME	496531.047	3759482.096	715.70
LOCATION	L0007551	VOLUME	496523.431	3759478.123	715.13
LOCATION	L0007552	VOLUME	496515.655	3759481.054	714.44
LOCATION	L0007553	VOLUME	496507.862	3759484.669	713.83
LOCATION	L0007554	VOLUME	496500.070	3759488.283	713.31
LOCATION	L0007555	VOLUME	496492.277	3759491.898	712.79
LOCATION	L0007556	VOLUME	496484.485	3759495.512	712.27
LOCATION	L0007557	VOLUME	496476.692	3759499.127	711.75
LOCATION	L0007558	VOLUME	496468.900	3759502.741	711.23
LOCATION	L0007559	VOLUME	496461.107	3759506.356	710.71
LOCATION	L0007560	VOLUME	496453.314	3759509.970	710.19
LOCATION	L0007561	VOLUME	496445.522	3759513.585	709.77
LOCATION	L0007562	VOLUME	496437.729	3759517.199	709.45
LOCATION	L0007563	VOLUME	496429.937	3759520.814	709.19
LOCATION	L0007564	VOLUME	496422.144	3759524.429	709.00
LOCATION	L0007565	VOLUME	496414.352	3759528.043	708.86
LOCATION	L0007566	VOLUME	496406.559	3759531.658	708.72
LOCATION	L0007567	VOLUME	496398.767	3759535.272	708.58
LOCATION	L0007568	VOLUME	496390.974	3759538.887	708.44
LOCATION	L0007569	VOLUME	496383.182	3759542.501	708.30
LOCATION	L0007570	VOLUME	496375.389	3759546.116	708.16
LOCATION	L0007571	VOLUME	496367.597	3759549.730	708.02
LOCATION	L0007572	VOLUME	496359.804	3759553.345	707.88
LOCATION	L0007573	VOLUME	496352.012	3759556.959	707.72
LOCATION	L0007574	VOLUME	496344.219	3759560.574	707.46
LOCATION	L0007575	VOLUME	496336.427	3759564.188	707.20
LOCATION	L0007576	VOLUME	496328.634	3759567.803	706.88
LOCATION	L0007577	VOLUME	496320.842	3759571.417	706.36
LOCATION	L0007578	VOLUME	496313.049	3759575.032	705.84
LOCATION	L0007579	VOLUME	496305.257	3759578.646	705.32
LOCATION	L0007580	VOLUME	496297.464	3759582.261	704.80
LOCATION	L0007581	VOLUME	496289.672	3759585.875	704.28
LOCATION	L0007582	VOLUME	496281.879	3759589.490	703.87
LOCATION	L0007583	VOLUME	496274.087	3759593.104	703.47
LOCATION	L0007584	VOLUME	496266.294	3759596.719	703.21
LOCATION	L0007585	VOLUME	496258.501	3759600.333	703.07
LOCATION	L0007586	VOLUME	496250.709	3759603.948	702.94
LOCATION	L0007587	VOLUME	496242.916	3759607.562	702.80
LOCATION	L0007588	VOLUME	496235.124	3759611.177	702.80
LOCATION	L0007589	VOLUME	496227.331	3759614.792	702.93
LOCATION	L0007590	VOLUME	496219.539	3759618.406	703.02
LOCATION	L0007591	VOLUME	496211.746	3759622.021	703.01
LOCATION	L0007592	VOLUME	496203.954	3759625.635	702.78
LOCATION	L0007593	VOLUME	496196.161	3759629.250	702.52
LOCATION	L0007594	VOLUME	496188.369	3759632.864	702.26
LOCATION	L0007595	VOLUME	496180.576	3759636.479	702.01
LOCATION	L0007596	VOLUME	496172.784	3759640.093	701.95
LOCATION	L0007597	VOLUME	496164.991	3759643.708	701.96
LOCATION	L0007598	VOLUME	496157.199	3759647.322	702.04
LOCATION	L0007599	VOLUME	496154.426	3759652.901	702.22
LOCATION	L0007600	VOLUME	496157.696	3759660.843	702.49
LOCATION	L0007601	VOLUME	496160.967	3759668.786	702.75
LOCATION	L0007602	VOLUME	496164.237	3759676.729	703.02
LOCATION	L0007603	VOLUME	496167.508	3759684.672	703.28

LOCATION L0007604        VOLUME    496170.779 3759692.615 703.55

\*\* END OF LINE VOLUME SOURCE ID = SLINE10

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\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

\*\* LINE VOLUME SOURCE ID = SLINE11

\*\* DESCRSRC PARKING LOT 2 S

\*\* PREFIX

\*\* LENGTH OF SIDE = 8.59

\*\* CONFIGURATION = ADJACENT

\*\* EMISSION RATE = 0.00001597

\*\* VERTICAL DIMENSION = 6.99

\*\* SZINIT = 3.25

\*\* NODES = 6

\*\* 496517.528, 3759471.895, 714.37, 3.49, 4.00

\*\* 496471.221, 3759439.937, 710.85, 3.49, 4.00

\*\* 496391.651, 3759477.113, 706.07, 3.49, 4.00

\*\* 496370.128, 3759426.240, 705.34, 3.49, 4.00

\*\* 496435.350, 3759396.891, 708.54, 3.49, 4.00

\*\* 496462.742, 3759437.980, 709.53, 3.49, 4.00

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LOCATION L0007605        VOLUME    496513.993 3759469.456 714.34

LOCATION L0007606        VOLUME    496506.924 3759464.576 713.85

LOCATION L0007607        VOLUME    496499.854 3759459.697 713.50

LOCATION L0007608        VOLUME    496492.784 3759454.818 712.91

LOCATION L0007609        VOLUME    496485.714 3759449.939 712.10

LOCATION L0007610        VOLUME    496478.644 3759445.060 711.16

LOCATION L0007611        VOLUME    496471.575 3759440.181 710.50

LOCATION L0007612        VOLUME    496463.828 3759443.391 710.00

LOCATION L0007613        VOLUME    496456.045 3759447.027 709.44

LOCATION L0007614        VOLUME    496448.263 3759450.663 708.89

LOCATION L0007615        VOLUME    496440.480 3759454.299 708.47

LOCATION L0007616        VOLUME    496432.698 3759457.935 707.98

LOCATION L0007617        VOLUME    496424.915 3759461.571 707.43

LOCATION L0007618        VOLUME    496417.133 3759465.207 706.92

LOCATION L0007619        VOLUME    496409.350 3759468.844 706.72

LOCATION L0007620        VOLUME    496401.568 3759472.480 706.58

LOCATION L0007621        VOLUME    496393.785 3759476.116 706.44

LOCATION L0007622        VOLUME    496389.222 3759471.371 706.14

LOCATION L0007623        VOLUME    496385.875 3759463.460 705.92

LOCATION L0007624        VOLUME    496382.528 3759455.549 706.00

LOCATION L0007625        VOLUME    496379.181 3759447.638 706.01

LOCATION L0007626        VOLUME    496375.834 3759439.727 705.97

LOCATION L0007627        VOLUME    496372.487 3759431.816 705.80

LOCATION L0007628        VOLUME    496372.441 3759425.199 705.80

LOCATION L0007629        VOLUME    496380.275 3759421.674 706.32

LOCATION L0007630        VOLUME    496388.108 3759418.149 706.84

LOCATION L0007631        VOLUME    496395.941 3759414.624 707.32

LOCATION L0007632        VOLUME    496403.775 3759411.099 707.82

LOCATION L0007633        VOLUME    496411.608 3759407.574 708.38

LOCATION L0007634        VOLUME    496419.442 3759404.049 708.80

LOCATION L0007635        VOLUME    496427.275 3759400.524 708.67

LOCATION L0007636        VOLUME    496435.108 3759396.999 708.54

LOCATION L0007637        VOLUME    496439.968 3759403.818 708.89

LOCATION L0007638        VOLUME    496444.733 3759410.965 708.97

LOCATION L0007639        VOLUME    496449.498 3759418.113 708.99

LOCATION L0007640        VOLUME    496454.262 3759425.260 709.21

LOCATION L0007641        VOLUME    496459.027 3759432.407 709.54

\*\* END OF LINE VOLUME SOURCE ID = SLINE11

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\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

\*\* LINE VOLUME SOURCE ID = SLINE12

\*\* DESCRSRC BLDG 1 ONSITE

\*\* PREFIX

\*\* LENGTH OF SIDE = 8.59

\*\* CONFIGURATION = ADJACENT

\*\* EMISSION RATE = 8.853E-06

\*\* VERTICAL DIMENSION = 6.99  
\*\* SZINIT = 3.25  
\*\* NODES = 6  
\*\* 495765.389, 3759443.525, 696.05, 3.49, 4.00  
\*\* 495778.694, 3759476.235, 696.99, 3.49, 4.00  
\*\* 495772.596, 3759488.986, 697.79, 3.49, 4.00  
\*\* 495775.368, 3759503.400, 697.87, 3.49, 4.00  
\*\* 495860.190, 3759700.210, 702.82, 3.49, 4.00  
\*\* 495806.414, 3759725.712, 702.75, 3.49, 4.00

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LOCATION	L0005609	VOLUME	495767.007	3759447.504	696.38
LOCATION	L0005610	VOLUME	495770.244	3759455.461	696.64
LOCATION	L0005611	VOLUME	495773.480	3759463.417	696.91
LOCATION	L0005612	VOLUME	495776.717	3759471.374	697.17
LOCATION	L0005613	VOLUME	495777.252	3759479.250	697.44
LOCATION	L0005614	VOLUME	495773.546	3759487.000	697.69
LOCATION	L0005615	VOLUME	495773.802	3759495.259	697.97
LOCATION	L0005616	VOLUME	495775.487	3759503.676	698.12
LOCATION	L0005617	VOLUME	495778.887	3759511.564	698.20
LOCATION	L0005618	VOLUME	495782.286	3759519.453	698.21
LOCATION	L0005619	VOLUME	495785.686	3759527.341	698.22
LOCATION	L0005620	VOLUME	495789.086	3759535.230	698.62
LOCATION	L0005621	VOLUME	495792.486	3759543.118	699.19
LOCATION	L0005622	VOLUME	495795.886	3759551.007	699.72
LOCATION	L0005623	VOLUME	495799.286	3759558.895	699.94
LOCATION	L0005624	VOLUME	495802.685	3759566.784	699.79
LOCATION	L0005625	VOLUME	495806.085	3759574.673	699.71
LOCATION	L0005626	VOLUME	495809.485	3759582.561	699.68
LOCATION	L0005627	VOLUME	495812.885	3759590.450	699.89
LOCATION	L0005628	VOLUME	495816.285	3759598.338	700.27
LOCATION	L0005629	VOLUME	495819.685	3759606.227	700.64
LOCATION	L0005630	VOLUME	495823.085	3759614.115	700.94
LOCATION	L0005631	VOLUME	495826.484	3759622.004	701.04
LOCATION	L0005632	VOLUME	495829.884	3759629.892	701.14
LOCATION	L0005633	VOLUME	495833.284	3759637.781	701.31
LOCATION	L0005634	VOLUME	495836.684	3759645.669	701.53
LOCATION	L0005635	VOLUME	495840.084	3759653.558	701.66
LOCATION	L0005636	VOLUME	495843.484	3759661.447	701.77
LOCATION	L0005637	VOLUME	495846.884	3759669.335	701.88
LOCATION	L0005638	VOLUME	495850.283	3759677.224	702.03
LOCATION	L0005639	VOLUME	495853.683	3759685.112	702.37
LOCATION	L0005640	VOLUME	495857.083	3759693.001	702.66
LOCATION	L0005641	VOLUME	495859.522	3759700.527	702.87
LOCATION	L0005642	VOLUME	495851.760	3759704.208	702.94
LOCATION	L0005643	VOLUME	495843.999	3759707.888	702.84
LOCATION	L0005644	VOLUME	495836.237	3759711.569	702.71
LOCATION	L0005645	VOLUME	495828.476	3759715.250	702.57
LOCATION	L0005646	VOLUME	495820.714	3759718.930	702.43
LOCATION	L0005647	VOLUME	495812.953	3759722.611	702.55

\*\* END OF LINE VOLUME SOURCE ID = SLINE12

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\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES  
\*\* LINE VOLUME SOURCE ID = SLINE13  
\*\* DESCRSRC BLDG 2 ONSITE  
\*\* PREFIX  
\*\* LENGTH OF SIDE = 8.59  
\*\* CONFIGURATION = ADJACENT  
\*\* EMISSION RATE = 0.00002243  
\*\* VERTICAL DIMENSION = 6.99  
\*\* SZINIT = 3.25  
\*\* NODES = 13  
\*\* 495764.834, 3759444.634, 696.06, 3.49, 4.00  
\*\* 495781.466, 3759481.778, 697.64, 3.49, 4.00  
\*\* 495794.772, 3759492.312, 697.95, 3.49, 4.00  
\*\* 495805.305, 3759507.281, 697.92, 3.49, 4.00  
\*\* 495816.393, 3759526.684, 699.92, 3.49, 4.00

\*\* 495900.661, 3759721.831, 704.07, 3.49, 4.00  
\*\* 496050.902, 3759653.086, 704.07, 3.49, 4.00  
\*\* 495950.002, 3759422.458, 694.67, 3.49, 4.00  
\*\* 495946.121, 3759415.806, 694.07, 3.49, 4.00  
\*\* 495930.598, 3759406.935, 694.17, 3.49, 4.00  
\*\* 495914.521, 3759396.956, 694.91, 3.49, 4.00  
\*\* 495903.987, 3759382.542, 694.95, 3.49, 4.00  
\*\* 495892.899, 3759363.692, 695.00, 3.49, 4.00

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LOCATION L0005648 VOLUME 495766.589 3759448.554 696.41  
LOCATION L0005649 VOLUME 495770.100 3759456.394 696.67  
LOCATION L0005650 VOLUME 495773.610 3759464.234 696.93  
LOCATION L0005651 VOLUME 495777.121 3759472.074 697.20  
LOCATION L0005652 VOLUME 495780.631 3759479.914 697.46  
LOCATION L0005653 VOLUME 495786.599 3759485.842 697.66  
LOCATION L0005654 VOLUME 495793.334 3759491.174 697.82  
LOCATION L0005655 VOLUME 495798.660 3759497.838 698.03  
LOCATION L0005656 VOLUME 495803.604 3759504.863 698.25  
LOCATION L0005657 VOLUME 495808.100 3759512.172 698.63  
LOCATION L0005658 VOLUME 495812.362 3759519.630 699.14  
LOCATION L0005659 VOLUME 495816.577 3759527.111 699.75  
LOCATION L0005660 VOLUME 495819.983 3759534.997 699.98  
LOCATION L0005661 VOLUME 495823.388 3759542.884 700.00  
LOCATION L0005662 VOLUME 495826.793 3759550.770 700.00  
LOCATION L0005663 VOLUME 495830.199 3759558.656 700.03  
LOCATION L0005664 VOLUME 495833.604 3759566.542 700.15  
LOCATION L0005665 VOLUME 495837.010 3759574.428 700.34  
LOCATION L0005666 VOLUME 495840.415 3759582.314 700.58  
LOCATION L0005667 VOLUME 495843.820 3759590.201 700.81  
LOCATION L0005668 VOLUME 495847.226 3759598.087 700.94  
LOCATION L0005669 VOLUME 495850.631 3759605.973 701.01  
LOCATION L0005670 VOLUME 495854.037 3759613.859 701.15  
LOCATION L0005671 VOLUME 495857.442 3759621.745 701.42  
LOCATION L0005672 VOLUME 495860.847 3759629.631 701.80  
LOCATION L0005673 VOLUME 495864.253 3759637.517 702.17  
LOCATION L0005674 VOLUME 495867.658 3759645.404 702.55  
LOCATION L0005675 VOLUME 495871.063 3759653.290 702.69  
LOCATION L0005676 VOLUME 495874.469 3759661.176 702.80  
LOCATION L0005677 VOLUME 495877.874 3759669.062 702.92  
LOCATION L0005678 VOLUME 495881.280 3759676.948 703.00  
LOCATION L0005679 VOLUME 495884.685 3759684.834 703.04  
LOCATION L0005680 VOLUME 495888.090 3759692.721 703.14  
LOCATION L0005681 VOLUME 495891.496 3759700.607 703.30  
LOCATION L0005682 VOLUME 495894.901 3759708.493 703.52  
LOCATION L0005683 VOLUME 495898.307 3759716.379 703.73  
LOCATION L0005684 VOLUME 495903.072 3759720.728 703.87  
LOCATION L0005685 VOLUME 495910.883 3759717.154 704.01  
LOCATION L0005686 VOLUME 495918.694 3759713.580 704.07  
LOCATION L0005687 VOLUME 495926.505 3759710.006 704.07  
LOCATION L0005688 VOLUME 495934.316 3759706.432 704.01  
LOCATION L0005689 VOLUME 495942.127 3759702.858 703.89  
LOCATION L0005690 VOLUME 495949.939 3759699.284 703.77  
LOCATION L0005691 VOLUME 495957.750 3759695.709 703.65  
LOCATION L0005692 VOLUME 495965.561 3759692.135 703.53  
LOCATION L0005693 VOLUME 495973.372 3759688.561 703.41  
LOCATION L0005694 VOLUME 495981.183 3759684.987 703.29  
LOCATION L0005695 VOLUME 495988.994 3759681.413 703.17  
LOCATION L0005696 VOLUME 495996.805 3759677.839 703.06  
LOCATION L0005697 VOLUME 496004.617 3759674.265 703.14  
LOCATION L0005698 VOLUME 496012.428 3759670.691 703.40  
LOCATION L0005699 VOLUME 496020.239 3759667.117 703.66  
LOCATION L0005700 VOLUME 496028.050 3759663.543 703.92  
LOCATION L0005701 VOLUME 496035.861 3759659.968 704.00  
LOCATION L0005702 VOLUME 496043.672 3759656.394 704.00  
LOCATION L0005703 VOLUME 496050.646 3759652.500 704.00  
LOCATION L0005704 VOLUME 496047.202 3759644.631 704.10

LOCATION	VOLUME				
L0005705	496043.759	3759636.761	704.63		
L0005706	496040.316	3759628.891	705.15		
L0005707	496036.873	3759621.021	705.68		
L0005708	496033.430	3759613.152	706.10		
L0005709	496029.987	3759605.282	706.36		
L0005710	496026.544	3759597.412	706.54		
L0005711	496023.101	3759589.542	706.67		
L0005712	496019.658	3759581.672	706.34		
L0005713	496016.215	3759573.803	705.70		
L0005714	496012.772	3759565.933	705.06		
L0005715	496009.329	3759558.063	704.42		
L0005716	496005.886	3759550.193	703.02		
L0005717	496002.443	3759542.323	701.33		
L0005718	495999.000	3759534.454	699.87		
L0005719	495995.557	3759526.584	699.04		
L0005720	495992.114	3759518.714	698.96		
L0005721	495988.671	3759510.844	698.73		
L0005722	495985.228	3759502.974	698.32		
L0005723	495981.785	3759495.105	697.76		
L0005724	495978.342	3759487.235	697.25		
L0005725	495974.899	3759479.365	696.56		
L0005726	495971.456	3759471.495	695.69		
L0005727	495968.013	3759463.625	695.00		
L0005728	495964.570	3759455.756	695.00		
L0005729	495961.127	3759447.886	695.00		
L0005730	495957.684	3759440.016	695.00		
L0005731	495954.241	3759432.146	694.87		
L0005732	495950.798	3759424.277	694.60		
L0005733	495946.674	3759416.753	694.35		
L0005734	495939.615	3759412.088	694.22		
L0005735	495932.157	3759407.826	694.32		
L0005736	495924.825	3759403.352	694.52		
L0005737	495917.527	3759398.822	694.76		
L0005738	495911.540	3759392.877	694.96		
L0005739	495906.472	3759385.942	695.00		
L0005740	495901.767	3759378.767	695.00		
L0005741	495897.412	3759371.363	695.00		
L0005742	495893.056	3759363.959	695.00		

\*\* END OF LINE VOLUME SOURCE ID = SLINE13

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\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

\*\* LINE VOLUME SOURCE ID = SLINE14

\*\* DESCRSRC BLDG 3 ONSITE S 25%

\*\* PREFIX

\*\* LENGTH OF SIDE = 8.59

\*\* CONFIGURATION = ADJACENT

\*\* EMISSION RATE = 9.962E-06

\*\* VERTICAL DIMENSION = 6.99

\*\* SZINIT = 3.25

\*\* NODES = 14

\*\* 495890.682, 3759363.692, 695.00, 3.49, 4.00

\*\* 495910.086, 3759390.858, 694.92, 3.49, 4.00

\*\* 495917.293, 3759398.619, 694.87, 3.49, 4.00

\*\* 495930.598, 3759406.935, 694.17, 3.49, 4.00

\*\* 495978.831, 3759434.655, 694.93, 3.49, 4.00

\*\* 495988.255, 3759446.297, 694.93, 3.49, 4.00

\*\* 496000.452, 3759464.592, 695.00, 3.49, 4.00

\*\* 496017.084, 3759504.509, 696.09, 3.49, 4.00

\*\* 496285.411, 3759383.651, 701.39, 3.49, 4.00

\*\* 496293.172, 3759376.998, 702.02, 3.49, 4.00

\*\* 496295.944, 3759368.682, 702.12, 3.49, 4.00

\*\* 496231.080, 3759221.767, 700.56, 3.49, 4.00

\*\* 496223.319, 3759196.265, 695.00, 3.49, 4.00

\*\* 496208.350, 3759172.981, 695.00, 3.49, 4.00

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LOCATION L0005743	VOLUME 495893.178	3759367.187	695.00		
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LOCATION	L0005744	VOLUME	495898.171	3759374.177	695.00
LOCATION	L0005745	VOLUME	495903.164	3759381.167	695.00
LOCATION	L0005746	VOLUME	495908.157	3759388.157	695.00
LOCATION	L0005747	VOLUME	495913.673	3759394.721	694.89
LOCATION	L0005748	VOLUME	495920.065	3759400.352	694.68
LOCATION	L0005749	VOLUME	495927.350	3759404.905	694.44
LOCATION	L0005750	VOLUME	495934.725	3759409.307	694.27
LOCATION	L0005751	VOLUME	495942.172	3759413.587	694.25
LOCATION	L0005752	VOLUME	495949.620	3759417.867	694.39
LOCATION	L0005753	VOLUME	495957.068	3759422.147	694.53
LOCATION	L0005754	VOLUME	495964.515	3759426.428	694.67
LOCATION	L0005755	VOLUME	495971.963	3759430.708	694.82
LOCATION	L0005756	VOLUME	495979.251	3759435.175	694.97
LOCATION	L0005757	VOLUME	495984.656	3759441.851	695.00
LOCATION	L0005758	VOLUME	495989.847	3759448.685	695.00
LOCATION	L0005759	VOLUME	495994.612	3759455.833	695.00
LOCATION	L0005760	VOLUME	495999.377	3759462.980	695.00
LOCATION	L0005761	VOLUME	496003.010	3759470.733	695.15
LOCATION	L0005762	VOLUME	496006.314	3759478.662	695.42
LOCATION	L0005763	VOLUME	496009.618	3759486.591	695.68
LOCATION	L0005764	VOLUME	496012.922	3759494.520	695.94
LOCATION	L0005765	VOLUME	496016.226	3759502.450	696.64
LOCATION	L0005766	VOLUME	496022.882	3759501.897	696.67
LOCATION	L0005767	VOLUME	496030.714	3759498.369	696.30
LOCATION	L0005768	VOLUME	496038.546	3759494.842	696.23
LOCATION	L0005769	VOLUME	496046.379	3759491.314	696.37
LOCATION	L0005770	VOLUME	496054.211	3759487.786	696.51
LOCATION	L0005771	VOLUME	496062.043	3759484.258	696.60
LOCATION	L0005772	VOLUME	496069.875	3759480.731	696.48
LOCATION	L0005773	VOLUME	496077.707	3759477.203	696.37
LOCATION	L0005774	VOLUME	496085.540	3759473.675	696.25
LOCATION	L0005775	VOLUME	496093.372	3759470.147	696.13
LOCATION	L0005776	VOLUME	496101.204	3759466.620	696.01
LOCATION	L0005777	VOLUME	496109.036	3759463.092	695.90
LOCATION	L0005778	VOLUME	496116.868	3759459.564	695.78
LOCATION	L0005779	VOLUME	496124.701	3759456.037	695.80
LOCATION	L0005780	VOLUME	496132.533	3759452.509	695.95
LOCATION	L0005781	VOLUME	496140.365	3759448.981	696.09
LOCATION	L0005782	VOLUME	496148.197	3759445.453	696.23
LOCATION	L0005783	VOLUME	496156.029	3759441.926	696.38
LOCATION	L0005784	VOLUME	496163.862	3759438.398	696.52
LOCATION	L0005785	VOLUME	496171.694	3759434.870	696.71
LOCATION	L0005786	VOLUME	496179.526	3759431.343	696.97
LOCATION	L0005787	VOLUME	496187.358	3759427.815	697.40
LOCATION	L0005788	VOLUME	496195.190	3759424.287	697.79
LOCATION	L0005789	VOLUME	496203.023	3759420.759	698.12
LOCATION	L0005790	VOLUME	496210.855	3759417.232	698.38
LOCATION	L0005791	VOLUME	496218.687	3759413.704	698.53
LOCATION	L0005792	VOLUME	496226.519	3759410.176	698.67
LOCATION	L0005793	VOLUME	496234.351	3759406.648	698.81
LOCATION	L0005794	VOLUME	496242.184	3759403.121	699.12
LOCATION	L0005795	VOLUME	496250.016	3759399.593	699.64
LOCATION	L0005796	VOLUME	496257.848	3759396.065	700.16
LOCATION	L0005797	VOLUME	496265.680	3759392.538	700.68
LOCATION	L0005798	VOLUME	496273.512	3759389.010	701.10
LOCATION	L0005799	VOLUME	496281.345	3759385.482	701.36
LOCATION	L0005800	VOLUME	496288.547	3759380.963	701.60
LOCATION	L0005801	VOLUME	496293.962	3759374.628	701.84
LOCATION	L0005802	VOLUME	496295.006	3759366.558	702.14
LOCATION	L0005803	VOLUME	496291.537	3759358.700	702.29
LOCATION	L0005804	VOLUME	496288.067	3759350.841	702.43
LOCATION	L0005805	VOLUME	496284.598	3759342.983	702.62
LOCATION	L0005806	VOLUME	496281.128	3759335.125	702.75
LOCATION	L0005807	VOLUME	496277.659	3759327.267	702.70
LOCATION	L0005808	VOLUME	496274.190	3759319.409	702.46
LOCATION	L0005809	VOLUME	496270.720	3759311.550	702.04

LOCATION L0005810	VOLUME	496267.251	3759303.692	701.74
LOCATION L0005811	VOLUME	496263.781	3759295.834	701.41
LOCATION L0005812	VOLUME	496260.312	3759287.976	701.01
LOCATION L0005813	VOLUME	496256.842	3759280.118	701.06
LOCATION L0005814	VOLUME	496253.373	3759272.260	701.16
LOCATION L0005815	VOLUME	496249.903	3759264.401	701.13
LOCATION L0005816	VOLUME	496246.434	3759256.543	700.98
LOCATION L0005817	VOLUME	496242.964	3759248.685	700.92
LOCATION L0005818	VOLUME	496239.495	3759240.827	700.93
LOCATION L0005819	VOLUME	496236.025	3759232.969	700.86
LOCATION L0005820	VOLUME	496232.556	3759225.111	700.23
LOCATION L0005821	VOLUME	496229.643	3759217.046	698.37
LOCATION L0005822	VOLUME	496227.142	3759208.828	696.83
LOCATION L0005823	VOLUME	496224.641	3759200.610	695.57
LOCATION L0005824	VOLUME	496221.129	3759192.860	695.00
LOCATION L0005825	VOLUME	496216.484	3759185.634	695.00
LOCATION L0005826	VOLUME	496211.839	3759178.408	695.00

\*\* END OF LINE VOLUME SOURCE ID = SLINE14

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\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

\*\* LINE VOLUME SOURCE ID = SLINE15

\*\* DESCRSRC BLDG 3 ONSITE N 50%

\*\* PREFIX

\*\* LENGTH OF SIDE = 8.59

\*\* CONFIGURATION = ADJACENT

\*\* EMISSION RATE = 8.738E-06

\*\* VERTICAL DIMENSION = 6.99

\*\* SZINIT = 3.25

\*\* NODES = 8

\*\* 495891.791, 3759363.692, 695.00, 3.49, 4.00

\*\* 495912.303, 3759393.075, 694.91, 3.49, 4.00

\*\* 495922.837, 3759401.946, 694.71, 3.49, 4.00

\*\* 495973.841, 3759431.329, 694.95, 3.49, 4.00

\*\* 495988.255, 3759446.852, 694.93, 3.49, 4.00

\*\* 496004.333, 3759472.354, 695.00, 3.49, 4.00

\*\* 496078.067, 3759640.890, 703.66, 3.49, 4.00

\*\* 496343.622, 3759521.695, 706.28, 3.49, 4.00

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LOCATION L0005827	VOLUME	495894.249	3759367.214	695.00
LOCATION L0005828	VOLUME	495899.166	3759374.258	695.00
LOCATION L0005829	VOLUME	495904.083	3759381.301	695.00
LOCATION L0005830	VOLUME	495909.001	3759388.344	695.00
LOCATION L0005831	VOLUME	495914.461	3759394.892	694.87
LOCATION L0005832	VOLUME	495921.031	3759400.425	694.65
LOCATION L0005833	VOLUME	495928.235	3759405.055	694.41
LOCATION L0005834	VOLUME	495935.678	3759409.343	694.25
LOCATION L0005835	VOLUME	495943.121	3759413.631	694.25
LOCATION L0005836	VOLUME	495950.564	3759417.919	694.39
LOCATION L0005837	VOLUME	495958.007	3759422.207	694.53
LOCATION L0005838	VOLUME	495965.451	3759426.495	694.68
LOCATION L0005839	VOLUME	495972.894	3759430.783	694.82
LOCATION L0005840	VOLUME	495978.942	3759436.822	695.00
LOCATION L0005841	VOLUME	495984.787	3759443.117	695.00
LOCATION L0005842	VOLUME	495990.118	3759449.807	695.00
LOCATION L0005843	VOLUME	495994.699	3759457.073	695.00
LOCATION L0005844	VOLUME	495999.281	3759464.340	695.00
LOCATION L0005845	VOLUME	496003.862	3759471.606	695.18
LOCATION L0005846	VOLUME	496007.422	3759479.414	695.44
LOCATION L0005847	VOLUME	496010.865	3759487.284	695.70
LOCATION L0005848	VOLUME	496014.308	3759495.154	695.97
LOCATION L0005849	VOLUME	496017.751	3759503.024	696.72
LOCATION L0005850	VOLUME	496021.194	3759510.893	697.66
LOCATION L0005851	VOLUME	496024.637	3759518.763	698.72
LOCATION L0005852	VOLUME	496028.080	3759526.633	699.92
LOCATION L0005853	VOLUME	496031.523	3759534.503	701.41
LOCATION L0005854	VOLUME	496034.966	3759542.373	702.77

LOCATION	VOLUME	VOLUME	VOLUME	VOLUME
L0005855	496038.409	3759550.242	704.06	
L0005856	496041.852	3759558.112	705.13	
L0005857	496045.295	3759565.982	705.65	
L0005858	496048.738	3759573.852	706.18	
L0005859	496052.181	3759581.721	706.70	
L0005860	496055.624	3759589.591	706.89	
L0005861	496059.067	3759597.461	706.62	
L0005862	496062.510	3759605.331	706.08	
L0005863	496065.953	3759613.201	705.36	
L0005864	496069.396	3759621.070	704.62	
L0005865	496072.839	3759628.940	704.02	
L0005866	496076.282	3759636.810	703.60	
L0005867	496081.841	3759639.196	703.25	
L0005868	496089.678	3759635.678	702.70	
L0005869	496097.515	3759632.161	702.30	
L0005870	496105.352	3759628.643	701.92	
L0005871	496113.188	3759625.125	701.54	
L0005872	496121.025	3759621.608	701.18	
L0005873	496128.862	3759618.090	701.06	
L0005874	496136.699	3759614.573	700.95	
L0005875	496144.536	3759611.055	700.83	
L0005876	496152.372	3759607.538	700.78	
L0005877	496160.209	3759604.020	700.92	
L0005878	496168.046	3759600.503	701.06	
L0005879	496175.883	3759596.985	701.21	
L0005880	496183.719	3759593.467	701.27	
L0005881	496191.556	3759589.950	701.17	
L0005882	496199.393	3759586.432	701.01	
L0005883	496207.230	3759582.915	700.99	
L0005884	496215.066	3759579.397	701.15	
L0005885	496222.903	3759575.880	701.42	
L0005886	496230.740	3759572.362	701.68	
L0005887	496238.577	3759568.845	701.94	
L0005888	496246.414	3759565.327	702.20	
L0005889	496254.250	3759561.810	702.46	
L0005890	496262.087	3759558.292	702.72	
L0005891	496269.924	3759554.774	702.98	
L0005892	496277.761	3759551.257	703.49	
L0005893	496285.597	3759547.739	704.01	
L0005894	496293.434	3759544.222	704.53	
L0005895	496301.271	3759540.704	705.04	
L0005896	496309.108	3759537.187	705.40	
L0005897	496316.944	3759533.669	705.69	
L0005898	496324.781	3759530.152	705.92	
L0005899	496332.618	3759526.634	706.09	
L0005900	496340.455	3759523.117	706.33	

\*\* END OF LINE VOLUME SOURCE ID = SLINE15

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\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

\*\* LINE VOLUME SOURCE ID = SLINE16

\*\* DESCRSRC BLDG 4 ONSITE

\*\* PREFIX

\*\* LENGTH OF SIDE = 8.59

\*\* CONFIGURATION = ADJACENT

\*\* EMISSION RATE = 0.0000176

\*\* VERTICAL DIMENSION = 6.99

\*\* SZINIT = 3.25

\*\* NODES = 11

\*\* 495891.236, 3759363.138, 695.00, 3.49, 4.00

\*\* 495915.075, 3759396.956, 694.90, 3.49, 4.00

\*\* 495933.925, 3759409.153, 694.08, 3.49, 4.00

\*\* 495970.515, 3759428.557, 694.90, 3.49, 4.00

\*\* 495986.592, 3759443.525, 694.93, 3.49, 4.00

\*\* 495999.898, 3759465.701, 695.00, 3.49, 4.00

\*\* 496265.452, 3759345.397, 701.91, 3.49, 4.00

\*\* 496283.193, 3759336.527, 702.12, 3.49, 4.00

\*\* 496224.982, 3759205.136, 695.00, 3.49, 4.00  
\*\* 496222.764, 3759194.602, 695.00, 3.49, 4.00  
\*\* 496207.795, 3759172.426, 695.00, 3.49, 4.00

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LOCATION	L0005901	VOLUME	495893.711	3759366.649	695.00
LOCATION	L0005902	VOLUME	495898.660	3759373.669	695.00
LOCATION	L0005903	VOLUME	495903.609	3759380.690	695.00
LOCATION	L0005904	VOLUME	495908.558	3759387.711	695.00
LOCATION	L0005905	VOLUME	495913.508	3759394.732	694.90
LOCATION	L0005906	VOLUME	495920.003	3759400.145	694.68
LOCATION	L0005907	VOLUME	495927.215	3759404.811	694.44
LOCATION	L0005908	VOLUME	495934.453	3759409.433	694.29
LOCATION	L0005909	VOLUME	495942.042	3759413.457	694.24
LOCATION	L0005910	VOLUME	495949.631	3759417.482	694.38
LOCATION	L0005911	VOLUME	495957.220	3759421.506	694.51
LOCATION	L0005912	VOLUME	495964.809	3759425.531	694.64
LOCATION	L0005913	VOLUME	495972.075	3759430.009	694.79
LOCATION	L0005914	VOLUME	495978.361	3759435.862	694.99
LOCATION	L0005915	VOLUME	495984.648	3759441.716	695.00
LOCATION	L0005916	VOLUME	495989.645	3759448.614	695.00
LOCATION	L0005917	VOLUME	495994.065	3759455.980	695.00
LOCATION	L0005918	VOLUME	495998.484	3759463.346	695.00
LOCATION	L0005919	VOLUME	496005.220	3759463.290	694.98
LOCATION	L0005920	VOLUME	496013.045	3759459.745	694.91
LOCATION	L0005921	VOLUME	496020.869	3759456.200	694.77
LOCATION	L0005922	VOLUME	496028.694	3759452.656	694.58
LOCATION	L0005923	VOLUME	496036.518	3759449.111	694.52
LOCATION	L0005924	VOLUME	496044.343	3759445.566	694.46
LOCATION	L0005925	VOLUME	496052.167	3759442.021	694.34
LOCATION	L0005926	VOLUME	496059.992	3759438.477	694.15
LOCATION	L0005927	VOLUME	496067.816	3759434.932	694.24
LOCATION	L0005928	VOLUME	496075.641	3759431.387	694.43
LOCATION	L0005929	VOLUME	496083.465	3759427.843	694.55
LOCATION	L0005930	VOLUME	496091.290	3759424.298	694.62
LOCATION	L0005931	VOLUME	496099.114	3759420.753	694.63
LOCATION	L0005932	VOLUME	496106.939	3759417.208	694.72
LOCATION	L0005933	VOLUME	496114.763	3759413.664	694.86
LOCATION	L0005934	VOLUME	496122.588	3759410.119	695.07
LOCATION	L0005935	VOLUME	496130.412	3759406.574	695.33
LOCATION	L0005936	VOLUME	496138.237	3759403.030	695.49
LOCATION	L0005937	VOLUME	496146.061	3759399.485	695.63
LOCATION	L0005938	VOLUME	496153.886	3759395.940	695.77
LOCATION	L0005939	VOLUME	496161.710	3759392.395	695.92
LOCATION	L0005940	VOLUME	496169.535	3759388.851	696.06
LOCATION	L0005941	VOLUME	496177.359	3759385.306	696.20
LOCATION	L0005942	VOLUME	496185.184	3759381.761	696.47
LOCATION	L0005943	VOLUME	496193.008	3759378.217	696.88
LOCATION	L0005944	VOLUME	496200.833	3759374.672	697.33
LOCATION	L0005945	VOLUME	496208.657	3759371.127	697.72
LOCATION	L0005946	VOLUME	496216.482	3759367.582	697.97
LOCATION	L0005947	VOLUME	496224.307	3759364.038	698.24
LOCATION	L0005948	VOLUME	496232.131	3759360.493	698.58
LOCATION	L0005949	VOLUME	496239.956	3759356.948	698.97
LOCATION	L0005950	VOLUME	496247.780	3759353.404	699.68
LOCATION	L0005951	VOLUME	496255.605	3759349.859	700.46
LOCATION	L0005952	VOLUME	496263.429	3759346.314	701.30
LOCATION	L0005953	VOLUME	496271.149	3759342.549	702.03
LOCATION	L0005954	VOLUME	496278.832	3759338.708	702.49
LOCATION	L0005955	VOLUME	496281.689	3759333.131	702.86
LOCATION	L0005956	VOLUME	496278.209	3759325.278	702.80
LOCATION	L0005957	VOLUME	496274.730	3759317.424	702.55
LOCATION	L0005958	VOLUME	496271.250	3759309.570	702.10
LOCATION	L0005959	VOLUME	496267.771	3759301.716	701.78
LOCATION	L0005960	VOLUME	496264.291	3759293.863	701.44
LOCATION	L0005961	VOLUME	496260.812	3759286.009	701.05
LOCATION	L0005962	VOLUME	496257.332	3759278.155	701.26

LOCATION	VOLUME				
L0005963	496253.853	3759270.302	701.34		
L0005964	496250.373	3759262.448	701.31		
L0005965	496246.894	3759254.594	701.18		
L0005966	496243.414	3759246.740	701.13		
L0005967	496239.935	3759238.887	701.10		
L0005968	496236.455	3759231.033	701.01		
L0005969	496232.976	3759223.179	699.96		
L0005970	496229.496	3759215.325	698.07		
L0005971	496226.017	3759207.472	696.55		
L0005972	496223.738	3759199.230	695.37		
L0005973	496220.604	3759191.402	695.00		
L0005974	496215.798	3759184.282	695.00		
L0005975	496210.992	3759177.163	695.00		

\*\* END OF LINE VOLUME SOURCE ID = SLINE16

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\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

\*\* LINE VOLUME SOURCE ID = SLINE17

\*\* DESCRSRC TTP CALIMESA 30%

\*\* PREFIX

\*\* LENGTH OF SIDE = 14.00

\*\* CONFIGURATION = ADJACENT

\*\* EMISSION RATE = 0.00001915

\*\* VERTICAL DIMENSION = 6.99

\*\* SZINIT = 3.25

\*\* NODES = 19

** 495885.521, 3759348.965, 695.00, 3.49, 6.51
** 495995.985, 3759290.547, 694.03, 3.49, 6.51
** 496107.512, 3759226.817, 695.00, 3.49, 6.51
** 496153.185, 3759197.077, 695.00, 3.49, 6.51
** 496216.914, 3759145.031, 695.00, 3.49, 6.51
** 496362.430, 3759013.323, 695.04, 3.49, 6.51
** 496484.842, 3758902.040, 702.15, 3.49, 6.51
** 496563.280, 3758837.785, 705.09, 3.49, 6.51
** 496612.485, 3758805.946, 705.13, 3.49, 6.51
** 496660.532, 3758782.212, 705.09, 3.49, 6.51
** 496695.943, 3758771.392, 705.13, 3.49, 6.51
** 496743.616, 3758756.569, 706.06, 3.49, 6.51
** 496784.478, 3758747.355, 706.03, 3.49, 6.51
** 496810.518, 3758740.945, 706.98, 3.49, 6.51
** 496827.745, 3758734.535, 706.95, 3.49, 6.51
** 496847.775, 3758720.914, 708.02, 3.49, 6.51
** 496864.601, 3758703.688, 708.94, 3.49, 6.51
** 496877.421, 3758685.660, 709.06, 3.49, 6.51
** 496881.427, 3758667.232, 710.52, 3.49, 6.51

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LOCATION	VOLUME				
L0004110	495891.709	3759345.693	695.00		
L0004111	495904.085	3759339.148	695.00		
L0004112	495916.461	3759332.603	694.89		
L0004113	495928.837	3759326.058	694.80		
L0004114	495941.213	3759319.513	694.87		
L0004115	495953.588	3759312.968	694.50		
L0004116	495965.964	3759306.423	694.10		
L0004117	495978.340	3759299.878	694.00		
L0004118	495990.716	3759293.333	694.00		
L0004119	496002.966	3759286.558	694.00		
L0004120	496015.121	3759279.612	694.22		
L0004121	496027.276	3759272.666	694.45		
L0004122	496039.432	3759265.720	694.68		
L0004123	496051.587	3759258.774	694.91		
L0004124	496063.743	3759251.828	695.00		
L0004125	496075.898	3759244.882	695.00		
L0004126	496088.053	3759237.936	695.00		
L0004127	496100.209	3759230.990	695.00		
L0004128	496112.195	3759223.768	695.00		
L0004129	496123.927	3759216.128	695.00		
L0004130	496135.659	3759208.489	695.00		

LOCATION	L0004131	VOLUME	496147.391	3759200.849	695.00
LOCATION	L0004132	VOLUME	496158.673	3759192.594	695.00
LOCATION	L0004133	VOLUME	496169.517	3759183.739	695.00
LOCATION	L0004134	VOLUME	496180.360	3759174.884	695.00
LOCATION	L0004135	VOLUME	496191.204	3759166.028	695.00
LOCATION	L0004136	VOLUME	496202.047	3759157.173	695.00
LOCATION	L0004137	VOLUME	496212.891	3759148.317	695.00
LOCATION	L0004138	VOLUME	496223.442	3759139.122	695.00
LOCATION	L0004139	VOLUME	496233.822	3759129.728	695.00
LOCATION	L0004140	VOLUME	496244.202	3759120.333	695.00
LOCATION	L0004141	VOLUME	496254.581	3759110.938	695.00
LOCATION	L0004142	VOLUME	496264.961	3759101.543	695.00
LOCATION	L0004143	VOLUME	496275.341	3759092.149	695.00
LOCATION	L0004144	VOLUME	496285.721	3759082.754	695.00
LOCATION	L0004145	VOLUME	496296.100	3759073.359	695.01
LOCATION	L0004146	VOLUME	496306.480	3759063.964	695.00
LOCATION	L0004147	VOLUME	496316.860	3759054.569	695.00
LOCATION	L0004148	VOLUME	496327.239	3759045.175	695.04
LOCATION	L0004149	VOLUME	496337.619	3759035.780	695.26
LOCATION	L0004150	VOLUME	496347.999	3759026.385	695.27
LOCATION	L0004151	VOLUME	496358.379	3759016.990	695.07
LOCATION	L0004152	VOLUME	496368.746	3759007.582	695.49
LOCATION	L0004153	VOLUME	496379.105	3758998.164	695.83
LOCATION	L0004154	VOLUME	496389.464	3758988.747	695.94
LOCATION	L0004155	VOLUME	496399.823	3758979.330	696.68
LOCATION	L0004156	VOLUME	496410.182	3758969.912	697.63
LOCATION	L0004157	VOLUME	496420.542	3758960.495	698.57
LOCATION	L0004158	VOLUME	496430.901	3758951.078	698.88
LOCATION	L0004159	VOLUME	496441.260	3758941.660	699.13
LOCATION	L0004160	VOLUME	496451.619	3758932.243	699.63
LOCATION	L0004161	VOLUME	496461.978	3758922.825	700.63
LOCATION	L0004162	VOLUME	496472.338	3758913.408	701.39
LOCATION	L0004163	VOLUME	496482.697	3758903.991	701.74
LOCATION	L0004164	VOLUME	496493.429	3758895.006	702.10
LOCATION	L0004165	VOLUME	496504.259	3758886.134	702.74
LOCATION	L0004166	VOLUME	496515.089	3758877.262	703.32
LOCATION	L0004167	VOLUME	496525.920	3758868.390	703.89
LOCATION	L0004168	VOLUME	496536.750	3758859.518	704.47
LOCATION	L0004169	VOLUME	496547.580	3758850.646	704.80
LOCATION	L0004170	VOLUME	496558.410	3758841.775	705.03
LOCATION	L0004171	VOLUME	496569.748	3758833.600	705.11
LOCATION	L0004172	VOLUME	496581.502	3758825.994	704.97
LOCATION	L0004173	VOLUME	496593.256	3758818.389	704.83
LOCATION	L0004174	VOLUME	496605.010	3758810.783	704.87
LOCATION	L0004175	VOLUME	496617.055	3758803.689	705.08
LOCATION	L0004176	VOLUME	496629.607	3758797.489	705.29
LOCATION	L0004177	VOLUME	496642.159	3758791.288	705.30
LOCATION	L0004178	VOLUME	496654.711	3758785.088	705.13
LOCATION	L0004179	VOLUME	496667.712	3758780.018	705.00
LOCATION	L0004180	VOLUME	496681.101	3758775.927	705.01
LOCATION	L0004181	VOLUME	496694.489	3758771.836	705.26
LOCATION	L0004182	VOLUME	496707.860	3758767.686	705.70
LOCATION	L0004183	VOLUME	496721.229	3758763.530	706.00
LOCATION	L0004184	VOLUME	496734.598	3758759.373	706.00
LOCATION	L0004185	VOLUME	496748.060	3758755.567	706.00
LOCATION	L0004186	VOLUME	496761.717	3758752.487	706.08
LOCATION	L0004187	VOLUME	496775.374	3758749.408	706.09
LOCATION	L0004188	VOLUME	496789.011	3758746.239	706.29
LOCATION	L0004189	VOLUME	496802.605	3758742.893	706.74
LOCATION	L0004190	VOLUME	496816.001	3758738.905	707.04
LOCATION	L0004191	VOLUME	496828.960	3758733.709	707.26
LOCATION	L0004192	VOLUME	496840.537	3758725.836	707.68
LOCATION	L0004193	VOLUME	496851.442	3758717.161	708.34
LOCATION	L0004194	VOLUME	496861.224	3758707.145	708.60
LOCATION	L0004195	VOLUME	496869.913	3758696.217	708.97
LOCATION	L0004196	VOLUME	496877.643	3758684.638	709.29

LOCATION L0004197        VOLUME    496880.617 3758670.958 709.85  
\*\* END OF LINE VOLUME SOURCE ID = SLINE17  
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\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES  
\*\* LINE VOLUME SOURCE ID = SLINE18  
\*\* DESCRSRC TTP CV 2% E  
\*\* PREFIX  
\*\* LENGTH OF SIDE = 8.59  
\*\* CONFIGURATION = ADJACENT  
\*\* EMISSION RATE = 3.337E-07  
\*\* VERTICAL DIMENSION = 6.99  
\*\* SZINIT = 3.25  
\*\* NODES = 3  
\*\* 496881.654, 3758659.847, 710.46, 3.49, 4.00  
\*\* 497125.077, 3758668.212, 717.92, 3.49, 4.00  
\*\* 497202.808, 3758669.988, 721.76, 3.49, 4.00  
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LOCATION L0004198	VOLUME	496885.946	3758659.994	710.39
LOCATION L0004199	VOLUME	496894.531	3758660.289	710.66
LOCATION L0004200	VOLUME	496903.116	3758660.584	710.94
LOCATION L0004201	VOLUME	496911.701	3758660.879	711.22
LOCATION L0004202	VOLUME	496920.286	3758661.174	711.49
LOCATION L0004203	VOLUME	496928.871	3758661.469	711.77
LOCATION L0004204	VOLUME	496937.456	3758661.764	712.05
LOCATION L0004205	VOLUME	496946.041	3758662.059	712.32
LOCATION L0004206	VOLUME	496954.626	3758662.354	712.60
LOCATION L0004207	VOLUME	496963.211	3758662.649	712.90
LOCATION L0004208	VOLUME	496971.795	3758662.944	713.24
LOCATION L0004209	VOLUME	496980.380	3758663.239	713.58
LOCATION L0004210	VOLUME	496988.965	3758663.534	713.94
LOCATION L0004211	VOLUME	496997.550	3758663.829	714.24
LOCATION L0004212	VOLUME	497006.135	3758664.124	714.52
LOCATION L0004213	VOLUME	497014.720	3758664.419	714.81
LOCATION L0004214	VOLUME	497023.305	3758664.714	715.09
LOCATION L0004215	VOLUME	497031.890	3758665.009	715.38
LOCATION L0004216	VOLUME	497040.475	3758665.305	715.67
LOCATION L0004217	VOLUME	497049.060	3758665.600	715.95
LOCATION L0004218	VOLUME	497057.645	3758665.895	716.56
LOCATION L0004219	VOLUME	497066.230	3758666.190	717.23
LOCATION L0004220	VOLUME	497074.815	3758666.485	717.90
LOCATION L0004221	VOLUME	497083.400	3758666.780	718.35
LOCATION L0004222	VOLUME	497091.985	3758667.075	718.36
LOCATION L0004223	VOLUME	497100.569	3758667.370	718.37
LOCATION L0004224	VOLUME	497109.154	3758667.665	718.38
LOCATION L0004225	VOLUME	497117.739	3758667.960	718.39
LOCATION L0004226	VOLUME	497126.325	3758668.240	718.40
LOCATION L0004227	VOLUME	497134.912	3758668.437	718.41
LOCATION L0004228	VOLUME	497143.500	3758668.633	718.52
LOCATION L0004229	VOLUME	497152.088	3758668.829	718.81
LOCATION L0004230	VOLUME	497160.676	3758669.025	719.10
LOCATION L0004231	VOLUME	497169.263	3758669.221	719.39
LOCATION L0004232	VOLUME	497177.851	3758669.418	719.93
LOCATION L0004233	VOLUME	497186.439	3758669.614	720.51
LOCATION L0004234	VOLUME	497195.027	3758669.810	721.09

\*\* END OF LINE VOLUME SOURCE ID = SLINE18  
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\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES  
\*\* LINE VOLUME SOURCE ID = SLINE19  
\*\* DESCRSRC TTP CV 28%  
\*\* PREFIX  
\*\* LENGTH OF SIDE = 8.59  
\*\* CONFIGURATION = ADJACENT  
\*\* EMISSION RATE = 3.852E-06  
\*\* VERTICAL DIMENSION = 6.99  
\*\* SZINIT = 3.25  
\*\* NODES = 9

\*\* 496878.298, 3758659.171, 710.27, 3.49, 4.00  
\*\* 496818.605, 3758656.366, 715.48, 3.49, 4.00  
\*\* 496784.551, 3758653.963, 716.08, 3.49, 4.00  
\*\* 496740.482, 3758646.351, 716.60, 3.49, 4.00  
\*\* 496720.050, 3758639.540, 718.62, 3.49, 4.00  
\*\* 496696.413, 3758631.928, 716.34, 3.49, 4.00  
\*\* 496675.580, 3758621.512, 716.80, 3.49, 4.00  
\*\* 496647.536, 3758603.884, 718.95, 3.49, 4.00  
\*\* 496627.905, 3758591.064, 718.96, 3.49, 4.00

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LOCATION L0004235        VOLUME    496874.008 3758658.969 710.02  
LOCATION L0004236        VOLUME    496865.428 3758658.566 709.89  
LOCATION L0004237        VOLUME    496856.847 3758658.163 709.87  
LOCATION L0004238        VOLUME    496848.266 3758657.760 709.87  
LOCATION L0004239        VOLUME    496839.686 3758657.357 710.03  
LOCATION L0004240        VOLUME    496831.105 3758656.954 711.75  
LOCATION L0004241        VOLUME    496822.525 3758656.550 713.51  
LOCATION L0004242        VOLUME    496813.951 3758656.038 715.32  
LOCATION L0004243        VOLUME    496805.382 3758655.433 716.07  
LOCATION L0004244        VOLUME    496796.813 3758654.828 716.13  
LOCATION L0004245        VOLUME    496788.245 3758654.223 716.19  
LOCATION L0004246        VOLUME    496779.735 3758653.131 716.31  
LOCATION L0004247        VOLUME    496771.271 3758651.669 716.50  
LOCATION L0004248        VOLUME    496762.806 3758650.207 716.71  
LOCATION L0004249        VOLUME    496754.341 3758648.744 716.96  
LOCATION L0004250        VOLUME    496745.877 3758647.282 717.03  
LOCATION L0004251        VOLUME    496737.526 3758645.365 717.01  
LOCATION L0004252        VOLUME    496729.377 3758642.649 717.10  
LOCATION L0004253        VOLUME    496721.228 3758639.933 717.19  
LOCATION L0004254        VOLUME    496713.055 3758637.287 716.87  
LOCATION L0004255        VOLUME    496704.879 3758634.654 716.46  
LOCATION L0004256        VOLUME    496696.702 3758632.021 716.00  
LOCATION L0004257        VOLUME    496689.002 3758628.223 715.84  
LOCATION L0004258        VOLUME    496681.319 3758624.381 716.34  
LOCATION L0004259        VOLUME    496673.740 3758620.355 716.77  
LOCATION L0004260        VOLUME    496666.467 3758615.783 717.35  
LOCATION L0004261        VOLUME    496659.194 3758611.212 718.00  
LOCATION L0004262        VOLUME    496651.922 3758606.641 718.30  
LOCATION L0004263        VOLUME    496644.681 3758602.019 718.61  
LOCATION L0004264        VOLUME    496637.489 3758597.323 718.92  
LOCATION L0004265        VOLUME    496630.297 3758592.626 719.00

\*\* END OF LINE VOLUME SOURCE ID = SLINE19

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\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

\*\* LINE VOLUME SOURCE ID = SLINE20

\*\* DESCRSRC TTP CV W 2%

\*\* PREFIX

\*\* LENGTH OF SIDE = 14.00

\*\* CONFIGURATION = ADJACENT

\*\* EMISSION RATE = 4.25E-07

\*\* VERTICAL DIMENSION = 6.99

\*\* SZINIT = 3.25

\*\* NODES = 8

\*\* 496625.101, 3758589.061, 718.91, 3.49, 6.51

\*\* 496581.031, 3758549.799, 719.58, 3.49, 6.51

\*\* 496549.382, 3758515.745, 718.93, 3.49, 6.51

\*\* 496515.729, 3758467.269, 718.15, 3.49, 6.51

\*\* 496480.473, 3758410.380, 719.00, 3.49, 6.51

\*\* 496466.852, 3758373.121, 719.91, 3.49, 6.51

\*\* 496456.436, 3758322.642, 719.00, 3.49, 6.51

\*\* 496448.423, 3758236.507, 718.00, 3.49, 6.51

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LOCATION L0004266        VOLUME    496619.874 3758584.404 718.92

LOCATION L0004267        VOLUME    496609.421 3758575.091 719.28

LOCATION L0004268        VOLUME    496598.968 3758565.778 720.01

LOCATION L0004269        VOLUME    496588.514 3758556.465 720.07



LOCATION	VOLUME				
L0004270	496578.323	3758546.885	719.69		
L0004271	496568.792	3758536.630	719.02		
L0004272	496559.261	3758526.375	719.00		
L0004273	496549.730	3758516.120	719.00		
L0004274	496541.690	3758504.666	718.95		
L0004275	496533.706	3758493.165	718.57		
L0004276	496525.722	3758481.665	718.18		
L0004277	496517.739	3758470.164	718.20		
L0004278	496510.211	3758458.365	718.59		
L0004279	496502.836	3758446.465	718.99		
L0004280	496495.461	3758434.565	719.00		
L0004281	496488.086	3758422.664	719.00		
L0004282	496480.712	3758410.764	719.00		
L0004283	496475.822	3758397.656	719.10		
L0004284	496471.015	3758384.507	719.52		
L0004285	496466.473	3758371.283	721.02		
L0004286	496463.643	3758357.572	722.19		
L0004287	496460.814	3758343.860	720.79		
L0004288	496457.985	3758330.149	719.36		
L0004289	496455.849	3758316.335	719.00		
L0004290	496454.552	3758302.395	719.00		
L0004291	496453.255	3758288.455	719.00		
L0004292	496451.959	3758274.515	719.00		
L0004293	496450.662	3758260.575	718.81		
L0004294	496449.365	3758246.636	718.35		

\*\* END OF LINE VOLUME SOURCE ID = SLINE20

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\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

\*\* LINE VOLUME SOURCE ID = SLINE25

\*\* DESCRSRC TTP CALIMESA 70%

\*\* PREFIX

\*\* LENGTH OF SIDE = 14.00

\*\* CONFIGURATION = ADJACENT

\*\* EMISSION RATE = 0.000024

\*\* VERTICAL DIMENSION = 6.99

\*\* SZINIT = 3.25

\*\* NODES = 14

\*\* 495882.693, 3759350.477, 695.00, 3.49, 6.51

\*\* 495784.495, 3759412.058, 695.09, 3.49, 6.51

\*\* 495725.133, 3759453.112, 697.49, 3.49, 6.51

\*\* 495663.552, 3759506.926, 696.76, 3.49, 6.51

\*\* 495633.594, 3759539.659, 697.02, 3.49, 6.51

\*\* 495608.073, 3759574.610, 698.00, 3.49, 6.51

\*\* 495592.539, 3759621.767, 698.30, 3.49, 6.51

\*\* 495584.772, 3759658.383, 698.93, 3.49, 6.51

\*\* 495592.539, 3759700.547, 699.87, 3.49, 6.51

\*\* 495601.416, 3759729.395, 700.65, 3.49, 6.51

\*\* 495621.388, 3759768.785, 701.23, 3.49, 6.51

\*\* 495631.929, 3759806.511, 702.00, 3.49, 6.51

\*\* 495632.484, 3759840.353, 703.07, 3.49, 6.51

\*\* 495628.046, 3759865.318, 703.00, 3.49, 6.51

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LOCATION	VOLUME				
L0004295	495876.762	3759354.196	695.00		
L0004296	495864.902	3759361.634	695.00		
L0004297	495853.041	3759369.072	695.00		
L0004298	495841.180	3759376.510	695.00		
L0004299	495829.320	3759383.948	695.00		
L0004300	495817.459	3759391.386	695.00		
L0004301	495805.598	3759398.824	695.00		
L0004302	495793.738	3759406.262	695.00		
L0004303	495781.953	3759413.816	695.46		
L0004304	495770.439	3759421.779	695.84		
L0004305	495758.924	3759429.743	696.04		
L0004306	495747.410	3759437.706	696.48		
L0004307	495735.895	3759445.669	697.13		
L0004308	495724.444	3759453.714	697.39		

LOCATION	VOLUME			
L0004309	495713.902	3759462.927	697.34	
L0004310	495703.360	3759472.139	697.08	
L0004311	495692.818	3759481.351	696.87	
L0004312	495682.276	3759490.564	696.89	
L0004313	495671.734	3759499.776	697.12	
L0004314	495661.436	3759509.238	697.14	
L0004315	495651.984	3759519.565	697.16	
L0004316	495642.532	3759529.893	697.19	
L0004317	495633.145	3759540.273	697.47	
L0004318	495624.889	3759551.580	697.85	
L0004319	495616.633	3759562.887	698.00	
L0004320	495608.377	3759574.194	697.97	
L0004321	495603.855	3759587.418	698.03	
L0004322	495599.474	3759600.715	698.31	
L0004323	495595.094	3759614.012	698.45	
L0004324	495591.329	3759627.475	698.60	
L0004325	495588.424	3759641.170	698.88	
L0004326	495585.519	3759654.865	699.05	
L0004327	495586.657	3759668.615	699.16	
L0004328	495589.194	3759682.383	699.44	
L0004329	495591.730	3759696.152	699.79	
L0004330	495595.342	3759709.656	700.06	
L0004331	495599.460	3759723.037	700.36	
L0004332	495604.739	3759735.949	700.80	
L0004333	495611.070	3759748.435	701.00	
L0004334	495617.401	3759760.922	701.15	
L0004335	495622.783	3759773.778	701.56	
L0004336	495626.551	3759787.261	701.86	
L0004337	495630.318	3759800.745	702.15	
L0004338	495632.061	3759814.523	702.61	
L0004339	495632.290	3759828.521	703.00	
L0004340	495632.105	3759842.486	703.00	
L0004341	495629.654	3759856.270	703.00	

\*\* END OF LINE VOLUME SOURCE ID = SLINE25

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\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

\*\* LINE VOLUME SOURCE ID = SLINE26

\*\* DESCRSRC TTP SINGLETON 2%

\*\* PREFIX

\*\* LENGTH OF SIDE = 14.00

\*\* CONFIGURATION = ADJACENT

\*\* EMISSION RATE = 1.697E-06

\*\* VERTICAL DIMENSION = 6.99

\*\* SZINIT = 3.25

\*\* NODES = 18

\*\* 495624.717, 3759870.866, 703.66, 3.49, 6.51

\*\* 495696.839, 3759893.612, 703.94, 3.49, 6.51

\*\* 495790.598, 3759932.447, 706.66, 3.49, 6.51

\*\* 495874.926, 3759985.707, 708.95, 3.49, 6.51

\*\* 495912.096, 3760018.439, 711.06, 3.49, 6.51

\*\* 495967.020, 3760072.253, 715.93, 3.49, 6.51

\*\* 496037.478, 3760152.142, 717.99, 3.49, 6.51

\*\* 496093.511, 3760215.388, 719.05, 3.49, 6.51

\*\* 496226.660, 3760367.954, 731.00, 3.49, 6.51

\*\* 496359.809, 3760518.856, 735.99, 3.49, 6.51

\*\* 496403.082, 3760564.348, 741.96, 3.49, 6.51

\*\* 496459.115, 3760634.252, 752.33, 3.49, 6.51

\*\* 496512.930, 3760715.250, 769.04, 3.49, 6.51

\*\* 496556.758, 3760787.373, 760.72, 3.49, 6.51

\*\* 496603.915, 3760882.796, 767.63, 3.49, 6.51

\*\* 496638.311, 3760959.911, 789.44, 3.49, 6.51

\*\* 496671.598, 3761054.779, 763.63, 3.49, 6.51

\*\* 496674.372, 3761064.766, 763.90, 3.49, 6.51

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LOCATION L0004342	VOLUME 495631.393	3759872.971	703.56	
LOCATION L0004343	VOLUME 495644.745	3759877.182	703.64	

LOCATION	L0004344	VOLUME	495658.096	3759881.393	703.44
LOCATION	L0004345	VOLUME	495671.448	3759885.604	703.05
LOCATION	L0004346	VOLUME	495684.800	3759889.815	703.60
LOCATION	L0004347	VOLUME	495698.110	3759894.139	704.19
LOCATION	L0004348	VOLUME	495711.045	3759899.496	704.64
LOCATION	L0004349	VOLUME	495723.979	3759904.853	704.92
LOCATION	L0004350	VOLUME	495736.914	3759910.211	705.17
LOCATION	L0004351	VOLUME	495749.848	3759915.568	705.63
LOCATION	L0004352	VOLUME	495762.782	3759920.926	706.01
LOCATION	L0004353	VOLUME	495775.717	3759926.283	706.17
LOCATION	L0004354	VOLUME	495788.651	3759931.641	706.49
LOCATION	L0004355	VOLUME	495800.653	3759938.798	707.10
LOCATION	L0004356	VOLUME	495812.490	3759946.274	707.74
LOCATION	L0004357	VOLUME	495824.327	3759953.749	708.25
LOCATION	L0004358	VOLUME	495836.164	3759961.225	708.50
LOCATION	L0004359	VOLUME	495848.000	3759968.701	708.75
LOCATION	L0004360	VOLUME	495859.837	3759976.177	709.00
LOCATION	L0004361	VOLUME	495871.674	3759983.653	709.43
LOCATION	L0004362	VOLUME	495882.546	3759992.417	710.11
LOCATION	L0004363	VOLUME	495893.053	3760001.670	710.76
LOCATION	L0004364	VOLUME	495903.560	3760010.922	711.32
LOCATION	L0004365	VOLUME	495913.972	3760020.277	712.06
LOCATION	L0004366	VOLUME	495923.972	3760030.075	713.04
LOCATION	L0004367	VOLUME	495933.972	3760039.873	714.06
LOCATION	L0004368	VOLUME	495943.972	3760049.671	714.96
LOCATION	L0004369	VOLUME	495953.972	3760059.469	715.65
LOCATION	L0004370	VOLUME	495963.972	3760069.267	716.12
LOCATION	L0004371	VOLUME	495973.458	3760079.552	716.30
LOCATION	L0004372	VOLUME	495982.718	3760090.052	716.06
LOCATION	L0004373	VOLUME	495991.978	3760100.552	715.67
LOCATION	L0004374	VOLUME	496001.238	3760111.052	715.52
LOCATION	L0004375	VOLUME	496010.499	3760121.552	716.18
LOCATION	L0004376	VOLUME	496019.759	3760132.052	716.84
LOCATION	L0004377	VOLUME	496029.019	3760142.552	717.50
LOCATION	L0004378	VOLUME	496038.282	3760153.050	718.16
LOCATION	L0004379	VOLUME	496047.566	3760163.529	718.57
LOCATION	L0004380	VOLUME	496056.850	3760174.008	718.88
LOCATION	L0004381	VOLUME	496066.134	3760184.486	719.19
LOCATION	L0004382	VOLUME	496075.418	3760194.965	719.35
LOCATION	L0004383	VOLUME	496084.702	3760205.444	719.29
LOCATION	L0004384	VOLUME	496093.981	3760215.927	719.36
LOCATION	L0004385	VOLUME	496103.187	3760226.475	721.01
LOCATION	L0004386	VOLUME	496112.392	3760237.023	722.26
LOCATION	L0004387	VOLUME	496121.598	3760247.571	723.23
LOCATION	L0004388	VOLUME	496130.803	3760258.119	724.94
LOCATION	L0004389	VOLUME	496140.009	3760268.667	726.65
LOCATION	L0004390	VOLUME	496149.214	3760279.214	727.98
LOCATION	L0004391	VOLUME	496158.420	3760289.762	728.12
LOCATION	L0004392	VOLUME	496167.625	3760300.310	728.46
LOCATION	L0004393	VOLUME	496176.831	3760310.858	729.07
LOCATION	L0004394	VOLUME	496186.036	3760321.406	729.70
LOCATION	L0004395	VOLUME	496195.242	3760331.954	730.35
LOCATION	L0004396	VOLUME	496204.447	3760342.502	730.84
LOCATION	L0004397	VOLUME	496213.653	3760353.050	731.00
LOCATION	L0004398	VOLUME	496222.858	3760363.598	731.00
LOCATION	L0004399	VOLUME	496232.097	3760374.117	731.38
LOCATION	L0004400	VOLUME	496241.360	3760384.614	732.20
LOCATION	L0004401	VOLUME	496250.623	3760395.112	732.28
LOCATION	L0004402	VOLUME	496259.885	3760405.610	731.48
LOCATION	L0004403	VOLUME	496269.148	3760416.107	731.03
LOCATION	L0004404	VOLUME	496278.411	3760426.605	731.00
LOCATION	L0004405	VOLUME	496287.673	3760437.103	731.00
LOCATION	L0004406	VOLUME	496296.936	3760447.601	731.00
LOCATION	L0004407	VOLUME	496306.199	3760458.098	731.09
LOCATION	L0004408	VOLUME	496315.462	3760468.596	731.83
LOCATION	L0004409	VOLUME	496324.724	3760479.094	733.00

LOCATION	VOLUME				
L0004410	496333.987	3760489.592	734.13		
L0004411	496343.250	3760500.089	734.66		
L0004412	496352.512	3760510.587	735.41		
L0004413	496361.857	3760521.010	736.69		
L0004414	496371.506	3760531.153	738.18		
L0004415	496381.155	3760541.297	739.46		
L0004416	496390.804	3760551.441	740.52		
L0004417	496400.453	3760561.585	741.37		
L0004418	496409.453	3760572.296	742.06		
L0004419	496418.209	3760583.220	743.13		
L0004420	496426.965	3760594.143	743.83		
L0004421	496435.721	3760605.067	744.34		
L0004422	496444.478	3760615.991	747.52		
L0004423	496453.234	3760626.915	750.02		
L0004424	496461.659	3760638.080	751.42		
L0004425	496469.406	3760649.741	754.42		
L0004426	496477.154	3760661.402	758.23		
L0004427	496484.901	3760673.063	761.88		
L0004428	496492.649	3760684.724	764.91		
L0004429	496500.396	3760696.385	767.66		
L0004430	496508.143	3760708.046	767.98		
L0004431	496515.708	3760719.823	769.81		
L0004432	496522.979	3760731.787	768.93		
L0004433	496530.249	3760743.751	765.19		
L0004434	496537.520	3760755.715	763.00		
L0004435	496544.790	3760767.679	761.83		
L0004436	496552.061	3760779.644	760.67		
L0004437	496558.953	3760791.815	760.11		
L0004438	496565.156	3760804.366	759.03		
L0004439	496571.358	3760816.918	757.39		
L0004440	496577.561	3760829.469	759.03		
L0004441	496583.764	3760842.020	759.97		
L0004442	496589.966	3760854.571	763.05		
L0004443	496596.169	3760867.122	765.97		
L0004444	496602.371	3760879.673	768.19		
L0004445	496608.198	3760892.400	772.16		
L0004446	496613.901	3760905.186	776.25		
L0004447	496619.604	3760917.972	781.42		
L0004448	496625.307	3760930.757	784.95		
L0004449	496631.010	3760943.543	786.88		
L0004450	496636.713	3760956.329	788.35		
L0004451	496641.648	3760969.420	789.70		
L0004452	496646.283	3760982.631	787.27		
L0004453	496650.918	3760995.841	785.11		
L0004454	496655.554	3761009.051	780.65		
L0004455	496660.189	3761022.262	776.40		
L0004456	496664.824	3761035.472	771.41		
L0004457	496669.459	3761048.683	766.15		
L0004458	496673.616	3761062.043	763.43		

\*\* END OF LINE VOLUME SOURCE ID = SLINE26

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\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

\*\* LINE VOLUME SOURCE ID = SLINE36

\*\* DESCRSRC WH SINGLETON 4%

\*\* PREFIX

\*\* LENGTH OF SIDE = 14.00

\*\* CONFIGURATION = ADJACENT

\*\* EMISSION RATE = 2.719E-06

\*\* VERTICAL DIMENSION = 6.99

\*\* SZINIT = 3.25

\*\* NODES = 18

\*\* 495624.717, 3759870.866, 703.66, 3.49, 6.51

\*\* 495696.839, 3759893.612, 703.94, 3.49, 6.51

\*\* 495790.598, 3759932.447, 706.66, 3.49, 6.51

\*\* 495874.926, 3759985.707, 708.95, 3.49, 6.51

\*\* 495912.096, 3760018.439, 711.06, 3.49, 6.51

\*\* 495967.020, 3760072.253, 715.93, 3.49, 6.51  
 \*\* 496037.478, 3760152.142, 717.99, 3.49, 6.51  
 \*\* 496093.511, 3760215.388, 719.05, 3.49, 6.51  
 \*\* 496226.660, 3760367.954, 731.00, 3.49, 6.51  
 \*\* 496359.809, 3760518.856, 735.99, 3.49, 6.51  
 \*\* 496403.082, 3760564.348, 741.96, 3.49, 6.51  
 \*\* 496459.115, 3760634.252, 752.33, 3.49, 6.51  
 \*\* 496512.930, 3760715.250, 769.04, 3.49, 6.51  
 \*\* 496556.758, 3760787.373, 760.72, 3.49, 6.51  
 \*\* 496603.915, 3760882.796, 767.63, 3.49, 6.51  
 \*\* 496638.311, 3760959.911, 789.44, 3.49, 6.51  
 \*\* 496671.598, 3761054.779, 763.63, 3.49, 6.51  
 \*\* 496674.372, 3761064.766, 763.90, 3.49, 6.51

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 LOCATION L0005976 VOLUME 495631.393 3759872.971 703.56  
 LOCATION L0005977 VOLUME 495644.745 3759877.182 703.64  
 LOCATION L0005978 VOLUME 495658.096 3759881.393 703.44  
 LOCATION L0005979 VOLUME 495671.448 3759885.604 703.05  
 LOCATION L0005980 VOLUME 495684.800 3759889.815 703.60  
 LOCATION L0005981 VOLUME 495698.110 3759894.139 704.19  
 LOCATION L0005982 VOLUME 495711.045 3759899.496 704.64  
 LOCATION L0005983 VOLUME 495723.979 3759904.853 704.92  
 LOCATION L0005984 VOLUME 495736.914 3759910.211 705.17  
 LOCATION L0005985 VOLUME 495749.848 3759915.568 705.63  
 LOCATION L0005986 VOLUME 495762.782 3759920.926 706.01  
 LOCATION L0005987 VOLUME 495775.717 3759926.283 706.17  
 LOCATION L0005988 VOLUME 495788.651 3759931.641 706.49  
 LOCATION L0005989 VOLUME 495800.653 3759938.798 707.10  
 LOCATION L0005990 VOLUME 495812.490 3759946.274 707.74  
 LOCATION L0005991 VOLUME 495824.327 3759953.749 708.25  
 LOCATION L0005992 VOLUME 495836.164 3759961.225 708.50  
 LOCATION L0005993 VOLUME 495848.000 3759968.701 708.75  
 LOCATION L0005994 VOLUME 495859.837 3759976.177 709.00  
 LOCATION L0005995 VOLUME 495871.674 3759983.653 709.43  
 LOCATION L0005996 VOLUME 495882.546 3759992.417 710.11  
 LOCATION L0005997 VOLUME 495893.053 3760001.670 710.76  
 LOCATION L0005998 VOLUME 495903.560 3760010.922 711.32  
 LOCATION L0005999 VOLUME 495913.972 3760020.277 712.06  
 LOCATION L0006000 VOLUME 495923.972 3760030.075 713.04  
 LOCATION L0006001 VOLUME 495933.972 3760039.873 714.06  
 LOCATION L0006002 VOLUME 495943.972 3760049.671 714.96  
 LOCATION L0006003 VOLUME 495953.972 3760059.469 715.65  
 LOCATION L0006004 VOLUME 495963.972 3760069.267 716.12  
 LOCATION L0006005 VOLUME 495973.458 3760079.552 716.30  
 LOCATION L0006006 VOLUME 495982.718 3760090.052 716.06  
 LOCATION L0006007 VOLUME 495991.978 3760100.552 715.67  
 LOCATION L0006008 VOLUME 496001.238 3760111.052 715.52  
 LOCATION L0006009 VOLUME 496010.499 3760121.552 716.18  
 LOCATION L0006010 VOLUME 496019.759 3760132.052 716.84  
 LOCATION L0006011 VOLUME 496029.019 3760142.552 717.50  
 LOCATION L0006012 VOLUME 496038.282 3760153.050 718.16  
 LOCATION L0006013 VOLUME 496047.566 3760163.529 718.57  
 LOCATION L0006014 VOLUME 496056.850 3760174.008 718.88  
 LOCATION L0006015 VOLUME 496066.134 3760184.486 719.19  
 LOCATION L0006016 VOLUME 496075.418 3760194.965 719.35  
 LOCATION L0006017 VOLUME 496084.702 3760205.444 719.29  
 LOCATION L0006018 VOLUME 496093.981 3760215.927 719.36  
 LOCATION L0006019 VOLUME 496103.187 3760226.475 721.01  
 LOCATION L0006020 VOLUME 496112.392 3760237.023 722.26  
 LOCATION L0006021 VOLUME 496121.598 3760247.571 723.23  
 LOCATION L0006022 VOLUME 496130.803 3760258.119 724.94  
 LOCATION L0006023 VOLUME 496140.009 3760268.667 726.65  
 LOCATION L0006024 VOLUME 496149.214 3760279.214 727.98  
 LOCATION L0006025 VOLUME 496158.420 3760289.762 728.12  
 LOCATION L0006026 VOLUME 496167.625 3760300.310 728.46  
 LOCATION L0006027 VOLUME 496176.831 3760310.858 729.07

LOCATION L0006028	VOLUME	496186.036	3760321.406	729.70
LOCATION L0006029	VOLUME	496195.242	3760331.954	730.35
LOCATION L0006030	VOLUME	496204.447	3760342.502	730.84
LOCATION L0006031	VOLUME	496213.653	3760353.050	731.00
LOCATION L0006032	VOLUME	496222.858	3760363.598	731.00
LOCATION L0006033	VOLUME	496232.097	3760374.117	731.38
LOCATION L0006034	VOLUME	496241.360	3760384.614	732.20
LOCATION L0006035	VOLUME	496250.623	3760395.112	732.28
LOCATION L0006036	VOLUME	496259.885	3760405.610	731.48
LOCATION L0006037	VOLUME	496269.148	3760416.107	731.03
LOCATION L0006038	VOLUME	496278.411	3760426.605	731.00
LOCATION L0006039	VOLUME	496287.673	3760437.103	731.00
LOCATION L0006040	VOLUME	496296.936	3760447.601	731.00
LOCATION L0006041	VOLUME	496306.199	3760458.098	731.09
LOCATION L0006042	VOLUME	496315.462	3760468.596	731.83
LOCATION L0006043	VOLUME	496324.724	3760479.094	733.00
LOCATION L0006044	VOLUME	496333.987	3760489.592	734.13
LOCATION L0006045	VOLUME	496343.250	3760500.089	734.66
LOCATION L0006046	VOLUME	496352.512	3760510.587	735.41
LOCATION L0006047	VOLUME	496361.857	3760521.010	736.69
LOCATION L0006048	VOLUME	496371.506	3760531.153	738.18
LOCATION L0006049	VOLUME	496381.155	3760541.297	739.46
LOCATION L0006050	VOLUME	496390.804	3760551.441	740.52
LOCATION L0006051	VOLUME	496400.453	3760561.585	741.37
LOCATION L0006052	VOLUME	496409.453	3760572.296	742.06
LOCATION L0006053	VOLUME	496418.209	3760583.220	743.13
LOCATION L0006054	VOLUME	496426.965	3760594.143	743.83
LOCATION L0006055	VOLUME	496435.721	3760605.067	744.34
LOCATION L0006056	VOLUME	496444.478	3760615.991	747.52
LOCATION L0006057	VOLUME	496453.234	3760626.915	750.02
LOCATION L0006058	VOLUME	496461.659	3760638.080	751.42
LOCATION L0006059	VOLUME	496469.406	3760649.741	754.42
LOCATION L0006060	VOLUME	496477.154	3760661.402	758.23
LOCATION L0006061	VOLUME	496484.901	3760673.063	761.88
LOCATION L0006062	VOLUME	496492.649	3760684.724	764.91
LOCATION L0006063	VOLUME	496500.396	3760696.385	767.66
LOCATION L0006064	VOLUME	496508.143	3760708.046	767.98
LOCATION L0006065	VOLUME	496515.708	3760719.823	769.81
LOCATION L0006066	VOLUME	496522.979	3760731.787	768.93
LOCATION L0006067	VOLUME	496530.249	3760743.751	765.19
LOCATION L0006068	VOLUME	496537.520	3760755.715	763.00
LOCATION L0006069	VOLUME	496544.790	3760767.679	761.83
LOCATION L0006070	VOLUME	496552.061	3760779.644	760.67
LOCATION L0006071	VOLUME	496558.953	3760791.815	760.11
LOCATION L0006072	VOLUME	496565.156	3760804.366	759.03
LOCATION L0006073	VOLUME	496571.358	3760816.918	757.39
LOCATION L0006074	VOLUME	496577.561	3760829.469	759.03
LOCATION L0006075	VOLUME	496583.764	3760842.020	759.97
LOCATION L0006076	VOLUME	496589.966	3760854.571	763.05
LOCATION L0006077	VOLUME	496596.169	3760867.122	765.97
LOCATION L0006078	VOLUME	496602.371	3760879.673	768.19
LOCATION L0006079	VOLUME	496608.198	3760892.400	772.16
LOCATION L0006080	VOLUME	496613.901	3760905.186	776.25
LOCATION L0006081	VOLUME	496619.604	3760917.972	781.42
LOCATION L0006082	VOLUME	496625.307	3760930.757	784.95
LOCATION L0006083	VOLUME	496631.010	3760943.543	786.88
LOCATION L0006084	VOLUME	496636.713	3760956.329	788.35
LOCATION L0006085	VOLUME	496641.648	3760969.420	789.70
LOCATION L0006086	VOLUME	496646.283	3760982.631	787.27
LOCATION L0006087	VOLUME	496650.918	3760995.841	785.11
LOCATION L0006088	VOLUME	496655.554	3761009.051	780.65
LOCATION L0006089	VOLUME	496660.189	3761022.262	776.40
LOCATION L0006090	VOLUME	496664.824	3761035.472	771.41
LOCATION L0006091	VOLUME	496669.459	3761048.683	766.15
LOCATION L0006092	VOLUME	496673.616	3761062.043	763.43

\*\* END OF LINE VOLUME SOURCE ID = SLINE36

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\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES  
\*\* LINE VOLUME SOURCE ID = SLINE27  
\*\* DESCRSRC TTP SINGLETON 66%  
\*\* PREFIX  
\*\* LENGTH OF SIDE = 14.00  
\*\* CONFIGURATION = ADJACENT  
\*\* EMISSION RATE = 0.0000121  
\*\* VERTICAL DIMENSION = 6.99  
\*\* SZINIT = 3.25  
\*\* NODES = 3  
\*\* 495623.649, 3759870.316, 703.63, 3.49, 6.51  
\*\* 495527.907, 3759852.599, 703.03, 3.49, 6.51  
\*\* 495274.751, 3759817.845, 695.95, 3.49, 6.51  
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LOCATION L0004576	VOLUME	495616.766	3759869.043	703.43
LOCATION L0004577	VOLUME	495602.999	3759866.495	703.34
LOCATION L0004578	VOLUME	495589.233	3759863.948	703.26
LOCATION L0004579	VOLUME	495575.467	3759861.400	703.34
LOCATION L0004580	VOLUME	495561.701	3759858.853	703.71
LOCATION L0004581	VOLUME	495547.934	3759856.305	703.92
LOCATION L0004582	VOLUME	495534.168	3759853.758	703.38
LOCATION L0004583	VOLUME	495520.345	3759851.561	702.85
LOCATION L0004584	VOLUME	495506.475	3759849.657	702.78
LOCATION L0004585	VOLUME	495492.606	3759847.753	702.72
LOCATION L0004586	VOLUME	495478.736	3759845.849	702.66
LOCATION L0004587	VOLUME	495464.866	3759843.945	702.59
LOCATION L0004588	VOLUME	495450.996	3759842.040	701.90
LOCATION L0004589	VOLUME	495437.126	3759840.136	700.91
LOCATION L0004590	VOLUME	495423.256	3759838.232	700.40
LOCATION L0004591	VOLUME	495409.386	3759836.328	700.34
LOCATION L0004592	VOLUME	495395.516	3759834.424	699.95
LOCATION L0004593	VOLUME	495381.646	3759832.520	698.96
LOCATION L0004594	VOLUME	495367.776	3759830.616	698.13
LOCATION L0004595	VOLUME	495353.906	3759828.712	698.04
LOCATION L0004596	VOLUME	495340.036	3759826.808	697.99
LOCATION L0004597	VOLUME	495326.167	3759824.904	697.50
LOCATION L0004598	VOLUME	495312.297	3759823.000	697.06
LOCATION L0004599	VOLUME	495298.427	3759821.096	696.60
LOCATION L0004600	VOLUME	495284.557	3759819.192	696.14

\*\* END OF LINE VOLUME SOURCE ID = SLINE27  
\*\* -----  
\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES  
\*\* LINE VOLUME SOURCE ID = SLINE37  
\*\* DESCRSRC WH SINGLETON 62%  
\*\* PREFIX  
\*\* LENGTH OF SIDE = 14.00  
\*\* CONFIGURATION = ADJACENT  
\*\* EMISSION RATE = 9.102E-06  
\*\* VERTICAL DIMENSION = 6.99  
\*\* SZINIT = 3.25  
\*\* NODES = 3  
\*\* 495623.649, 3759870.316, 703.63, 3.49, 6.51  
\*\* 495527.907, 3759852.599, 703.03, 3.49, 6.51  
\*\* 495274.751, 3759817.845, 695.95, 3.49, 6.51  
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LOCATION L0006093	VOLUME	495616.766	3759869.043	703.43
LOCATION L0006094	VOLUME	495602.999	3759866.495	703.34
LOCATION L0006095	VOLUME	495589.233	3759863.948	703.26
LOCATION L0006096	VOLUME	495575.467	3759861.400	703.34
LOCATION L0006097	VOLUME	495561.701	3759858.853	703.71
LOCATION L0006098	VOLUME	495547.934	3759856.305	703.92
LOCATION L0006099	VOLUME	495534.168	3759853.758	703.38
LOCATION L0006100	VOLUME	495520.345	3759851.561	702.85
LOCATION L0006101	VOLUME	495506.475	3759849.657	702.78
LOCATION L0006102	VOLUME	495492.606	3759847.753	702.72

LOCATION L0006103	VOLUME	495478.736	3759845.849	702.66
LOCATION L0006104	VOLUME	495464.866	3759843.945	702.59
LOCATION L0006105	VOLUME	495450.996	3759842.040	701.90
LOCATION L0006106	VOLUME	495437.126	3759840.136	700.91
LOCATION L0006107	VOLUME	495423.256	3759838.232	700.40
LOCATION L0006108	VOLUME	495409.386	3759836.328	700.34
LOCATION L0006109	VOLUME	495395.516	3759834.424	699.95
LOCATION L0006110	VOLUME	495381.646	3759832.520	698.96
LOCATION L0006111	VOLUME	495367.776	3759830.616	698.13
LOCATION L0006112	VOLUME	495353.906	3759828.712	698.04
LOCATION L0006113	VOLUME	495340.036	3759826.808	697.99
LOCATION L0006114	VOLUME	495326.167	3759824.904	697.50
LOCATION L0006115	VOLUME	495312.297	3759823.000	697.06
LOCATION L0006116	VOLUME	495298.427	3759821.096	696.60
LOCATION L0006117	VOLUME	495284.557	3759819.192	696.14

\*\* END OF LINE VOLUME SOURCE ID = SLINE37

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\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

\*\* LINE VOLUME SOURCE ID = SLINE28

\*\* DESCRSRC TTP CALIMESA 2%

\*\* PREFIX

\*\* LENGTH OF SIDE = 8.59

\*\* CONFIGURATION = ADJACENT

\*\* EMISSION RATE = 2.29E-06

\*\* VERTICAL DIMENSION = 6.99

\*\* SZINIT = 3.25

\*\* NODES = 40

** 495622.328,	3759881.406,	703.88,	3.49,	4.00
** 495616.197,	3759905.458,	704.53,	3.49,	4.00
** 495606.766,	3759914.418,	704.96,	3.49,	4.00
** 495586.487,	3759936.111,	706.21,	3.49,	4.00
** 495550.175,	3759955.446,	706.88,	3.49,	4.00
** 495500.658,	3759976.196,	706.97,	3.49,	4.00
** 495457.272,	3759982.798,	707.87,	3.49,	4.00
** 495435.579,	3759981.383,	707.04,	3.49,	4.00
** 495411.056,	3759982.798,	706.74,	3.49,	4.00
** 495379.931,	3759988.929,	705.18,	3.49,	4.00
** 495360.596,	3760001.662,	705.42,	3.49,	4.00
** 495342.204,	3760021.940,	701.86,	3.49,	4.00
** 495313.437,	3760070.514,	700.05,	3.49,	4.00
** 495290.329,	3760125.218,	701.08,	3.49,	4.00
** 495233.738,	3760244.531,	705.17,	3.49,	4.00
** 495219.591,	3760280.371,	706.00,	3.49,	4.00
** 495198.841,	3760346.866,	708.66,	3.49,	4.00
** 495175.261,	3760411.473,	712.49,	3.49,	4.00
** 495165.829,	3760440.712,	714.47,	3.49,	4.00
** 495150.738,	3760491.644,	717.12,	3.49,	4.00
** 495134.704,	3760531.729,	719.55,	3.49,	4.00
** 495111.125,	3760577.945,	720.10,	3.49,	4.00
** 495055.949,	3760678.393,	719.90,	3.49,	4.00
** 495036.142,	3760709.990,	720.45,	3.49,	4.00
** 494979.551,	3760807.609,	719.87,	3.49,	4.00
** 494952.671,	3760858.540,	718.53,	3.49,	4.00
** 494931.449,	3760899.569,	710.33,	3.49,	4.00
** 494918.716,	3760925.978,	709.99,	3.49,	4.00
** 494905.983,	3760953.802,	709.70,	3.49,	4.00
** 494880.517,	3761012.750,	710.55,	3.49,	4.00
** 494840.904,	3761121.687,	715.98,	3.49,	4.00
** 494815.910,	3761181.579,	718.04,	3.49,	4.00
** 494798.932,	3761207.517,	719.00,	3.49,	4.00
** 494783.370,	3761217.420,	720.36,	3.49,	4.00
** 494772.052,	3761224.022,	721.60,	3.49,	4.00
** 494764.035,	3761294.289,	722.24,	3.49,	4.00
** 494748.944,	3761342.391,	730.58,	3.49,	4.00
** 494705.086,	3761455.101,	733.00,	3.49,	4.00
** 494644.251,	3761609.311,	732.91,	3.49,	4.00



\*\* 494598.507, 3761722.493, 733.94, 3.49, 4.00

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LOCATION	L0004626	VOLUME	495621.267	3759885.568	703.98
LOCATION	L0004627	VOLUME	495619.146	3759893.892	704.11
LOCATION	L0004628	VOLUME	495617.024	3759902.216	704.30
LOCATION	L0004629	VOLUME	495612.395	3759909.070	704.66
LOCATION	L0004630	VOLUME	495606.202	3759915.021	704.96
LOCATION	L0004631	VOLUME	495600.336	3759921.296	705.00
LOCATION	L0004632	VOLUME	495594.470	3759927.571	705.23
LOCATION	L0004633	VOLUME	495588.604	3759933.846	705.69
LOCATION	L0004634	VOLUME	495581.641	3759938.691	706.41
LOCATION	L0004635	VOLUME	495574.059	3759942.729	706.79
LOCATION	L0004636	VOLUME	495566.477	3759946.766	707.00
LOCATION	L0004637	VOLUME	495558.895	3759950.803	707.00
LOCATION	L0004638	VOLUME	495551.313	3759954.840	707.00
LOCATION	L0004639	VOLUME	495543.441	3759958.268	706.86
LOCATION	L0004640	VOLUME	495535.519	3759961.588	706.76
LOCATION	L0004641	VOLUME	495527.596	3759964.908	706.71
LOCATION	L0004642	VOLUME	495519.674	3759968.228	706.73
LOCATION	L0004643	VOLUME	495511.751	3759971.547	706.85
LOCATION	L0004644	VOLUME	495503.829	3759974.867	706.96
LOCATION	L0004645	VOLUME	495495.564	3759976.971	707.09
LOCATION	L0004646	VOLUME	495487.072	3759978.263	707.30
LOCATION	L0004647	VOLUME	495478.580	3759979.556	707.64
LOCATION	L0004648	VOLUME	495470.088	3759980.848	707.93
LOCATION	L0004649	VOLUME	495461.595	3759982.140	708.17
LOCATION	L0004650	VOLUME	495453.064	3759982.524	707.92
LOCATION	L0004651	VOLUME	495444.492	3759981.965	707.56
LOCATION	L0004652	VOLUME	495435.921	3759981.406	707.22
LOCATION	L0004653	VOLUME	495427.345	3759981.858	707.00
LOCATION	L0004654	VOLUME	495418.769	3759982.353	707.00
LOCATION	L0004655	VOLUME	495410.208	3759982.965	707.00
LOCATION	L0004656	VOLUME	495401.780	3759984.625	707.00
LOCATION	L0004657	VOLUME	495393.352	3759986.285	706.61
LOCATION	L0004658	VOLUME	495384.924	3759987.945	706.17
LOCATION	L0004659	VOLUME	495377.007	3759990.854	705.82
LOCATION	L0004660	VOLUME	495369.833	3759995.579	705.59
LOCATION	L0004661	VOLUME	495362.659	3760000.303	705.03
LOCATION	L0004662	VOLUME	495356.485	3760006.195	704.61
LOCATION	L0004663	VOLUME	495350.714	3760012.558	703.53
LOCATION	L0004664	VOLUME	495344.943	3760018.920	702.54
LOCATION	L0004665	VOLUME	495339.904	3760025.823	701.66
LOCATION	L0004666	VOLUME	495335.527	3760033.214	701.00
LOCATION	L0004667	VOLUME	495331.150	3760040.606	700.79
LOCATION	L0004668	VOLUME	495326.772	3760047.997	700.76
LOCATION	L0004669	VOLUME	495322.395	3760055.388	700.66
LOCATION	L0004670	VOLUME	495318.018	3760062.779	700.48
LOCATION	L0004671	VOLUME	495313.641	3760070.170	700.35
LOCATION	L0004672	VOLUME	495310.250	3760078.059	700.39
LOCATION	L0004673	VOLUME	495306.907	3760085.972	700.47
LOCATION	L0004674	VOLUME	495303.565	3760093.885	700.49
LOCATION	L0004675	VOLUME	495300.222	3760101.798	700.70
LOCATION	L0004676	VOLUME	495296.880	3760109.710	701.00
LOCATION	L0004677	VOLUME	495293.537	3760117.623	701.31
LOCATION	L0004678	VOLUME	495290.181	3760125.530	701.61
LOCATION	L0004679	VOLUME	495286.500	3760133.292	701.12
LOCATION	L0004680	VOLUME	495282.819	3760141.053	700.63
LOCATION	L0004681	VOLUME	495279.137	3760148.814	700.18
LOCATION	L0004682	VOLUME	495275.456	3760156.575	699.85
LOCATION	L0004683	VOLUME	495271.775	3760164.337	700.06
LOCATION	L0004684	VOLUME	495268.094	3760172.098	700.34
LOCATION	L0004685	VOLUME	495264.412	3760179.859	700.68
LOCATION	L0004686	VOLUME	495260.731	3760187.620	701.05
LOCATION	L0004687	VOLUME	495257.050	3760195.381	701.31
LOCATION	L0004688	VOLUME	495253.369	3760203.143	701.56
LOCATION	L0004689	VOLUME	495249.688	3760210.904	701.86

LOCATION	L0004690	VOLUME	495246.006	3760218.665	702.46
LOCATION	L0004691	VOLUME	495242.325	3760226.426	703.22
LOCATION	L0004692	VOLUME	495238.644	3760234.188	703.98
LOCATION	L0004693	VOLUME	495234.963	3760241.949	704.75
LOCATION	L0004694	VOLUME	495231.633	3760249.863	705.25
LOCATION	L0004695	VOLUME	495228.479	3760257.853	705.46
LOCATION	L0004696	VOLUME	495225.325	3760265.843	705.67
LOCATION	L0004697	VOLUME	495222.172	3760273.833	705.88
LOCATION	L0004698	VOLUME	495219.126	3760281.861	706.26
LOCATION	L0004699	VOLUME	495216.567	3760290.061	706.66
LOCATION	L0004700	VOLUME	495214.008	3760298.261	707.00
LOCATION	L0004701	VOLUME	495211.449	3760306.461	707.30
LOCATION	L0004702	VOLUME	495208.890	3760314.661	707.49
LOCATION	L0004703	VOLUME	495206.331	3760322.861	707.73
LOCATION	L0004704	VOLUME	495203.772	3760331.061	708.01
LOCATION	L0004705	VOLUME	495201.214	3760339.261	708.34
LOCATION	L0004706	VOLUME	495198.627	3760347.452	708.72
LOCATION	L0004707	VOLUME	495195.682	3760355.521	709.18
LOCATION	L0004708	VOLUME	495192.737	3760363.590	709.68
LOCATION	L0004709	VOLUME	495189.792	3760371.660	710.24
LOCATION	L0004710	VOLUME	495186.847	3760379.729	710.75
LOCATION	L0004711	VOLUME	495183.901	3760387.799	711.21
LOCATION	L0004712	VOLUME	495180.956	3760395.868	711.62
LOCATION	L0004713	VOLUME	495178.011	3760403.937	711.82
LOCATION	L0004714	VOLUME	495175.087	3760412.014	712.02
LOCATION	L0004715	VOLUME	495172.450	3760420.189	712.20
LOCATION	L0004716	VOLUME	495169.812	3760428.364	712.59
LOCATION	L0004717	VOLUME	495167.175	3760436.539	713.58
LOCATION	L0004718	VOLUME	495164.635	3760444.744	714.57
LOCATION	L0004719	VOLUME	495162.194	3760452.980	715.56
LOCATION	L0004720	VOLUME	495159.754	3760461.216	716.17
LOCATION	L0004721	VOLUME	495157.314	3760469.453	716.49
LOCATION	L0004722	VOLUME	495154.873	3760477.689	716.85
LOCATION	L0004723	VOLUME	495152.433	3760485.925	717.25
LOCATION	L0004724	VOLUME	495149.763	3760494.081	717.79
LOCATION	L0004725	VOLUME	495146.573	3760502.057	718.27
LOCATION	L0004726	VOLUME	495143.383	3760510.032	718.71
LOCATION	L0004727	VOLUME	495140.193	3760518.008	719.06
LOCATION	L0004728	VOLUME	495137.002	3760525.984	719.33
LOCATION	L0004729	VOLUME	495133.613	3760533.869	719.59
LOCATION	L0004730	VOLUME	495129.709	3760541.520	719.83
LOCATION	L0004731	VOLUME	495125.805	3760549.172	719.95
LOCATION	L0004732	VOLUME	495121.901	3760556.824	720.07
LOCATION	L0004733	VOLUME	495117.997	3760564.475	720.20
LOCATION	L0004734	VOLUME	495114.093	3760572.127	720.32
LOCATION	L0004735	VOLUME	495110.134	3760579.749	720.44
LOCATION	L0004736	VOLUME	495105.998	3760587.278	720.56
LOCATION	L0004737	VOLUME	495101.862	3760594.807	720.67
LOCATION	L0004738	VOLUME	495097.727	3760602.336	720.71
LOCATION	L0004739	VOLUME	495093.591	3760609.865	720.58
LOCATION	L0004740	VOLUME	495089.456	3760617.394	720.41
LOCATION	L0004741	VOLUME	495085.320	3760624.923	720.31
LOCATION	L0004742	VOLUME	495081.184	3760632.452	720.28
LOCATION	L0004743	VOLUME	495077.049	3760639.981	720.35
LOCATION	L0004744	VOLUME	495072.913	3760647.509	720.46
LOCATION	L0004745	VOLUME	495068.778	3760655.038	720.54
LOCATION	L0004746	VOLUME	495064.642	3760662.567	720.52
LOCATION	L0004747	VOLUME	495060.506	3760670.096	720.47
LOCATION	L0004748	VOLUME	495056.371	3760677.625	720.45
LOCATION	L0004749	VOLUME	495051.852	3760684.929	720.39
LOCATION	L0004750	VOLUME	495047.289	3760692.207	720.33
LOCATION	L0004751	VOLUME	495042.727	3760699.485	720.27
LOCATION	L0004752	VOLUME	495038.164	3760706.764	720.25
LOCATION	L0004753	VOLUME	495033.744	3760714.127	720.24
LOCATION	L0004754	VOLUME	495029.435	3760721.559	720.17
LOCATION	L0004755	VOLUME	495025.127	3760728.990	720.08

LOCATION L0004756	VOLUME	495020.819	3760736.422	720.04
LOCATION L0004757	VOLUME	495016.511	3760743.853	720.00
LOCATION L0004758	VOLUME	495012.203	3760751.285	719.96
LOCATION L0004759	VOLUME	495007.895	3760758.716	719.92
LOCATION L0004760	VOLUME	495003.587	3760766.148	719.88
LOCATION L0004761	VOLUME	494999.278	3760773.580	719.84
LOCATION L0004762	VOLUME	494994.970	3760781.011	719.80
LOCATION L0004763	VOLUME	494990.662	3760788.443	719.74
LOCATION L0004764	VOLUME	494986.354	3760795.874	719.66
LOCATION L0004765	VOLUME	494982.046	3760803.306	719.65
LOCATION L0004766	VOLUME	494977.863	3760810.807	719.71
LOCATION L0004767	VOLUME	494973.854	3760818.404	719.73
LOCATION L0004768	VOLUME	494969.844	3760826.001	719.44
LOCATION L0004769	VOLUME	494965.835	3760833.597	719.22
LOCATION L0004770	VOLUME	494961.826	3760841.194	719.06
LOCATION L0004771	VOLUME	494957.816	3760848.791	718.59
LOCATION L0004772	VOLUME	494953.807	3760856.388	717.34
LOCATION L0004773	VOLUME	494949.842	3760864.009	715.97
LOCATION L0004774	VOLUME	494945.896	3760871.638	714.27
LOCATION L0004775	VOLUME	494941.949	3760879.268	712.91
LOCATION L0004776	VOLUME	494938.003	3760886.898	711.99
LOCATION L0004777	VOLUME	494934.057	3760894.528	711.20
LOCATION L0004778	VOLUME	494930.183	3760902.194	710.55
LOCATION L0004779	VOLUME	494926.453	3760909.932	710.20
LOCATION L0004780	VOLUME	494922.722	3760917.669	710.08
LOCATION L0004781	VOLUME	494918.991	3760925.407	709.95
LOCATION L0004782	VOLUME	494915.405	3760933.212	709.83
LOCATION L0004783	VOLUME	494911.831	3760941.023	709.76
LOCATION L0004784	VOLUME	494908.256	3760948.834	709.77
LOCATION L0004785	VOLUME	494904.743	3760956.672	709.83
LOCATION L0004786	VOLUME	494901.336	3760964.558	709.97
LOCATION L0004787	VOLUME	494897.930	3760972.444	710.05
LOCATION L0004788	VOLUME	494894.523	3760980.329	710.07
LOCATION L0004789	VOLUME	494891.117	3760988.215	710.02
LOCATION L0004790	VOLUME	494887.710	3760996.101	710.00
LOCATION L0004791	VOLUME	494884.304	3761003.986	710.21
LOCATION L0004792	VOLUME	494880.897	3761011.872	710.36
LOCATION L0004793	VOLUME	494877.909	3761019.924	710.46
LOCATION L0004794	VOLUME	494874.973	3761027.997	710.61
LOCATION L0004795	VOLUME	494872.038	3761036.070	711.05
LOCATION L0004796	VOLUME	494869.102	3761044.142	711.49
LOCATION L0004797	VOLUME	494866.167	3761052.215	711.93
LOCATION L0004798	VOLUME	494863.231	3761060.288	712.36
LOCATION L0004799	VOLUME	494860.295	3761068.361	712.81
LOCATION L0004800	VOLUME	494857.360	3761076.434	713.38
LOCATION L0004801	VOLUME	494854.424	3761084.506	713.90
LOCATION L0004802	VOLUME	494851.489	3761092.579	714.43
LOCATION L0004803	VOLUME	494848.553	3761100.652	714.96
LOCATION L0004804	VOLUME	494845.618	3761108.725	715.50
LOCATION L0004805	VOLUME	494842.682	3761116.798	716.01
LOCATION L0004806	VOLUME	494839.599	3761124.813	716.09
LOCATION L0004807	VOLUME	494836.291	3761132.741	716.11
LOCATION L0004808	VOLUME	494832.983	3761140.668	716.07
LOCATION L0004809	VOLUME	494829.675	3761148.595	716.13
LOCATION L0004810	VOLUME	494826.366	3761156.523	716.61
LOCATION L0004811	VOLUME	494823.058	3761164.450	717.09
LOCATION L0004812	VOLUME	494819.750	3761172.378	717.58
LOCATION L0004813	VOLUME	494816.442	3761180.305	717.93
LOCATION L0004814	VOLUME	494811.962	3761187.611	718.23
LOCATION L0004815	VOLUME	494807.257	3761194.798	718.54
LOCATION L0004816	VOLUME	494802.553	3761201.986	718.85
LOCATION L0004817	VOLUME	494797.263	3761208.580	719.21
LOCATION L0004818	VOLUME	494790.015	3761213.191	719.77
LOCATION L0004819	VOLUME	494782.754	3761217.780	720.40
LOCATION L0004820	VOLUME	494775.334	3761222.108	721.11
LOCATION L0004821	VOLUME	494771.509	3761228.782	721.65

LOCATION L0004822	VOLUME	494770.535	3761237.316	721.98
LOCATION L0004823	VOLUME	494769.561	3761245.851	722.06
LOCATION L0004824	VOLUME	494768.588	3761254.385	722.15
LOCATION L0004825	VOLUME	494767.614	3761262.920	722.26
LOCATION L0004826	VOLUME	494766.640	3761271.455	722.41
LOCATION L0004827	VOLUME	494765.666	3761279.989	722.61
LOCATION L0004828	VOLUME	494764.693	3761288.524	722.85
LOCATION L0004829	VOLUME	494763.200	3761296.949	723.26
LOCATION L0004830	VOLUME	494760.629	3761305.145	724.42
LOCATION L0004831	VOLUME	494758.058	3761313.341	725.53
LOCATION L0004832	VOLUME	494755.486	3761321.537	726.59
LOCATION L0004833	VOLUME	494752.915	3761329.733	727.81
LOCATION L0004834	VOLUME	494750.344	3761337.929	729.10
LOCATION L0004835	VOLUME	494747.525	3761346.039	730.16
LOCATION L0004836	VOLUME	494744.410	3761354.044	730.94
LOCATION L0004837	VOLUME	494741.295	3761362.049	731.23
LOCATION L0004838	VOLUME	494738.180	3761370.054	731.50
LOCATION L0004839	VOLUME	494735.065	3761378.060	731.78
LOCATION L0004840	VOLUME	494731.950	3761386.065	732.00
LOCATION L0004841	VOLUME	494728.835	3761394.070	732.36
LOCATION L0004842	VOLUME	494725.720	3761402.076	732.79
LOCATION L0004843	VOLUME	494722.605	3761410.081	733.27
LOCATION L0004844	VOLUME	494719.490	3761418.086	733.67
LOCATION L0004845	VOLUME	494716.374	3761426.091	733.60
LOCATION L0004846	VOLUME	494713.259	3761434.097	733.42
LOCATION L0004847	VOLUME	494710.144	3761442.102	733.13
LOCATION L0004848	VOLUME	494707.029	3761450.107	732.90
LOCATION L0004849	VOLUME	494703.900	3761458.107	732.87
LOCATION L0004850	VOLUME	494700.748	3761466.098	732.89
LOCATION L0004851	VOLUME	494697.596	3761474.089	732.97
LOCATION L0004852	VOLUME	494694.443	3761482.079	733.00
LOCATION L0004853	VOLUME	494691.291	3761490.070	733.00
LOCATION L0004854	VOLUME	494688.139	3761498.061	733.00
LOCATION L0004855	VOLUME	494684.987	3761506.051	733.00
LOCATION L0004856	VOLUME	494681.834	3761514.042	733.01
LOCATION L0004857	VOLUME	494678.682	3761522.033	732.94
LOCATION L0004858	VOLUME	494675.530	3761530.023	732.84
LOCATION L0004859	VOLUME	494672.377	3761538.014	732.75
LOCATION L0004860	VOLUME	494669.225	3761546.005	732.75
LOCATION L0004861	VOLUME	494666.073	3761553.995	732.81
LOCATION L0004862	VOLUME	494662.921	3761561.986	732.92
LOCATION L0004863	VOLUME	494659.768	3761569.977	733.04
LOCATION L0004864	VOLUME	494656.616	3761577.968	733.08
LOCATION L0004865	VOLUME	494653.464	3761585.958	733.07
LOCATION L0004866	VOLUME	494650.311	3761593.949	733.00
LOCATION L0004867	VOLUME	494647.159	3761601.940	732.91
LOCATION L0004868	VOLUME	494644.002	3761609.928	732.89
LOCATION L0004869	VOLUME	494640.783	3761617.892	732.91
LOCATION L0004870	VOLUME	494637.564	3761625.856	733.00
LOCATION L0004871	VOLUME	494634.345	3761633.821	733.00
LOCATION L0004872	VOLUME	494631.126	3761641.785	733.00
LOCATION L0004873	VOLUME	494627.908	3761649.749	733.00
LOCATION L0004874	VOLUME	494624.689	3761657.713	733.05
LOCATION L0004875	VOLUME	494621.470	3761665.677	733.32
LOCATION L0004876	VOLUME	494618.251	3761673.641	733.54
LOCATION L0004877	VOLUME	494615.032	3761681.605	733.70
LOCATION L0004878	VOLUME	494611.813	3761689.569	733.75
LOCATION L0004879	VOLUME	494608.595	3761697.534	733.76
LOCATION L0004880	VOLUME	494605.376	3761705.498	733.82
LOCATION L0004881	VOLUME	494602.157	3761713.462	733.94
LOCATION L0004882	VOLUME	494598.938	3761721.426	734.17

\*\* END OF LINE VOLUME SOURCE ID = SLINE28

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\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

\*\* LINE VOLUME SOURCE ID = SLINE39

\*\* DESCRSRC WH CALIMESA 4%

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** PREFIX
** LENGTH OF SIDE = 8.59
** CONFIGURATION = ADJACENT
** EMISSION RATE = 3.668E-06
** VERTICAL DIMENSION = 6.99
** SZINIT = 3.25
** NODES = 40
** 495622.328, 3759881.406, 703.88, 3.49, 4.00
** 495616.197, 3759905.458, 704.53, 3.49, 4.00
** 495606.766, 3759914.418, 704.96, 3.49, 4.00
** 495586.487, 3759936.111, 706.21, 3.49, 4.00
** 495550.175, 3759955.446, 706.88, 3.49, 4.00
** 495500.658, 3759976.196, 706.97, 3.49, 4.00
** 495457.272, 3759982.798, 707.87, 3.49, 4.00
** 495435.579, 3759981.383, 707.04, 3.49, 4.00
** 495411.056, 3759982.798, 706.74, 3.49, 4.00
** 495379.931, 3759988.929, 705.18, 3.49, 4.00
** 495360.596, 3760001.662, 705.42, 3.49, 4.00
** 495342.204, 3760021.940, 701.86, 3.49, 4.00
** 495313.437, 3760070.514, 700.05, 3.49, 4.00
** 495290.329, 3760125.218, 701.08, 3.49, 4.00
** 495233.738, 3760244.531, 705.17, 3.49, 4.00
** 495219.591, 3760280.371, 706.00, 3.49, 4.00
** 495198.841, 3760346.866, 708.66, 3.49, 4.00
** 495175.261, 3760411.473, 712.49, 3.49, 4.00
** 495165.829, 3760440.712, 714.47, 3.49, 4.00
** 495150.738, 3760491.644, 717.12, 3.49, 4.00
** 495134.704, 3760531.729, 719.55, 3.49, 4.00
** 495111.125, 3760577.945, 720.10, 3.49, 4.00
** 495055.949, 3760678.393, 719.90, 3.49, 4.00
** 495036.142, 3760709.990, 720.45, 3.49, 4.00
** 494979.551, 3760807.609, 719.87, 3.49, 4.00
** 494952.671, 3760858.540, 718.53, 3.49, 4.00
** 494931.449, 3760899.569, 710.33, 3.49, 4.00
** 494918.716, 3760925.978, 709.99, 3.49, 4.00
** 494905.983, 3760953.802, 709.70, 3.49, 4.00
** 494880.517, 3761012.750, 710.55, 3.49, 4.00
** 494840.904, 3761121.687, 715.98, 3.49, 4.00
** 494815.910, 3761181.579, 718.04, 3.49, 4.00
** 494798.932, 3761207.517, 719.00, 3.49, 4.00
** 494783.370, 3761217.420, 720.36, 3.49, 4.00
** 494772.052, 3761224.022, 721.60, 3.49, 4.00
** 494764.035, 3761294.289, 722.24, 3.49, 4.00
** 494748.944, 3761342.391, 730.58, 3.49, 4.00
** 494705.086, 3761455.101, 733.00, 3.49, 4.00
** 494644.251, 3761609.311, 732.91, 3.49, 4.00
** 494598.507, 3761722.493, 733.94, 3.49, 4.00

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LOCATION L0006118      VOLUME  495621.267 3759885.568 703.98
LOCATION L0006119      VOLUME  495619.146 3759893.892 704.11
LOCATION L0006120      VOLUME  495617.024 3759902.216 704.30
LOCATION L0006121      VOLUME  495612.395 3759909.070 704.66
LOCATION L0006122      VOLUME  495606.202 3759915.021 704.96
LOCATION L0006123      VOLUME  495600.336 3759921.296 705.00
LOCATION L0006124      VOLUME  495594.470 3759927.571 705.23
LOCATION L0006125      VOLUME  495588.604 3759933.846 705.69
LOCATION L0006126      VOLUME  495581.641 3759938.691 706.41
LOCATION L0006127      VOLUME  495574.059 3759942.729 706.79
LOCATION L0006128      VOLUME  495566.477 3759946.766 707.00
LOCATION L0006129      VOLUME  495558.895 3759950.803 707.00
LOCATION L0006130      VOLUME  495551.313 3759954.840 707.00
LOCATION L0006131      VOLUME  495543.441 3759958.268 706.86
LOCATION L0006132      VOLUME  495535.519 3759961.588 706.76
LOCATION L0006133      VOLUME  495527.596 3759964.908 706.71
LOCATION L0006134      VOLUME  495519.674 3759968.228 706.73
LOCATION L0006135      VOLUME  495511.751 3759971.547 706.85

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LOCATION L0006136	VOLUME	495503.829	3759974.867	706.96
LOCATION L0006137	VOLUME	495495.564	3759976.971	707.09
LOCATION L0006138	VOLUME	495487.072	3759978.263	707.30
LOCATION L0006139	VOLUME	495478.580	3759979.556	707.64
LOCATION L0006140	VOLUME	495470.088	3759980.848	707.93
LOCATION L0006141	VOLUME	495461.595	3759982.140	708.17
LOCATION L0006142	VOLUME	495453.064	3759982.524	707.92
LOCATION L0006143	VOLUME	495444.492	3759981.965	707.56
LOCATION L0006144	VOLUME	495435.921	3759981.406	707.22
LOCATION L0006145	VOLUME	495427.345	3759981.858	707.00
LOCATION L0006146	VOLUME	495418.769	3759982.353	707.00
LOCATION L0006147	VOLUME	495410.208	3759982.965	707.00
LOCATION L0006148	VOLUME	495401.780	3759984.625	707.00
LOCATION L0006149	VOLUME	495393.352	3759986.285	706.61
LOCATION L0006150	VOLUME	495384.924	3759987.945	706.17
LOCATION L0006151	VOLUME	495377.007	3759990.854	705.82
LOCATION L0006152	VOLUME	495369.833	3759995.579	705.59
LOCATION L0006153	VOLUME	495362.659	3760000.303	705.03
LOCATION L0006154	VOLUME	495356.485	3760006.195	704.61
LOCATION L0006155	VOLUME	495350.714	3760012.558	703.53
LOCATION L0006156	VOLUME	495344.943	3760018.920	702.54
LOCATION L0006157	VOLUME	495339.904	3760025.823	701.66
LOCATION L0006158	VOLUME	495335.527	3760033.214	701.00
LOCATION L0006159	VOLUME	495331.150	3760040.606	700.79
LOCATION L0006160	VOLUME	495326.772	3760047.997	700.76
LOCATION L0006161	VOLUME	495322.395	3760055.388	700.66
LOCATION L0006162	VOLUME	495318.018	3760062.779	700.48
LOCATION L0006163	VOLUME	495313.641	3760070.170	700.35
LOCATION L0006164	VOLUME	495310.250	3760078.059	700.39
LOCATION L0006165	VOLUME	495306.907	3760085.972	700.47
LOCATION L0006166	VOLUME	495303.565	3760093.885	700.49
LOCATION L0006167	VOLUME	495300.222	3760101.798	700.70
LOCATION L0006168	VOLUME	495296.880	3760109.710	701.00
LOCATION L0006169	VOLUME	495293.537	3760117.623	701.31
LOCATION L0006170	VOLUME	495290.181	3760125.530	701.61
LOCATION L0006171	VOLUME	495286.500	3760133.292	701.12
LOCATION L0006172	VOLUME	495282.819	3760141.053	700.63
LOCATION L0006173	VOLUME	495279.137	3760148.814	700.18
LOCATION L0006174	VOLUME	495275.456	3760156.575	699.85
LOCATION L0006175	VOLUME	495271.775	3760164.337	700.06
LOCATION L0006176	VOLUME	495268.094	3760172.098	700.34
LOCATION L0006177	VOLUME	495264.412	3760179.859	700.68
LOCATION L0006178	VOLUME	495260.731	3760187.620	701.05
LOCATION L0006179	VOLUME	495257.050	3760195.381	701.31
LOCATION L0006180	VOLUME	495253.369	3760203.143	701.56
LOCATION L0006181	VOLUME	495249.688	3760210.904	701.86
LOCATION L0006182	VOLUME	495246.006	3760218.665	702.46
LOCATION L0006183	VOLUME	495242.325	3760226.426	703.22
LOCATION L0006184	VOLUME	495238.644	3760234.188	703.98
LOCATION L0006185	VOLUME	495234.963	3760241.949	704.75
LOCATION L0006186	VOLUME	495231.633	3760249.863	705.25
LOCATION L0006187	VOLUME	495228.479	3760257.853	705.46
LOCATION L0006188	VOLUME	495225.325	3760265.843	705.67
LOCATION L0006189	VOLUME	495222.172	3760273.833	705.88
LOCATION L0006190	VOLUME	495219.126	3760281.861	706.26
LOCATION L0006191	VOLUME	495216.567	3760290.061	706.66
LOCATION L0006192	VOLUME	495214.008	3760298.261	707.00
LOCATION L0006193	VOLUME	495211.449	3760306.461	707.30
LOCATION L0006194	VOLUME	495208.890	3760314.661	707.49
LOCATION L0006195	VOLUME	495206.331	3760322.861	707.73
LOCATION L0006196	VOLUME	495203.772	3760331.061	708.01
LOCATION L0006197	VOLUME	495201.214	3760339.261	708.34
LOCATION L0006198	VOLUME	495198.627	3760347.452	708.72
LOCATION L0006199	VOLUME	495195.682	3760355.521	709.18
LOCATION L0006200	VOLUME	495192.737	3760363.590	709.68
LOCATION L0006201	VOLUME	495189.792	3760371.660	710.24

LOCATION	L0006202	VOLUME	495186.847	3760379.729	710.75
LOCATION	L0006203	VOLUME	495183.901	3760387.799	711.21
LOCATION	L0006204	VOLUME	495180.956	3760395.868	711.62
LOCATION	L0006205	VOLUME	495178.011	3760403.937	711.82
LOCATION	L0006206	VOLUME	495175.087	3760412.014	712.02
LOCATION	L0006207	VOLUME	495172.450	3760420.189	712.20
LOCATION	L0006208	VOLUME	495169.812	3760428.364	712.59
LOCATION	L0006209	VOLUME	495167.175	3760436.539	713.58
LOCATION	L0006210	VOLUME	495164.635	3760444.744	714.57
LOCATION	L0006211	VOLUME	495162.194	3760452.980	715.56
LOCATION	L0006212	VOLUME	495159.754	3760461.216	716.17
LOCATION	L0006213	VOLUME	495157.314	3760469.453	716.49
LOCATION	L0006214	VOLUME	495154.873	3760477.689	716.85
LOCATION	L0006215	VOLUME	495152.433	3760485.925	717.25
LOCATION	L0006216	VOLUME	495149.763	3760494.081	717.79
LOCATION	L0006217	VOLUME	495146.573	3760502.057	718.27
LOCATION	L0006218	VOLUME	495143.383	3760510.032	718.71
LOCATION	L0006219	VOLUME	495140.193	3760518.008	719.06
LOCATION	L0006220	VOLUME	495137.002	3760525.984	719.33
LOCATION	L0006221	VOLUME	495133.613	3760533.869	719.59
LOCATION	L0006222	VOLUME	495129.709	3760541.520	719.83
LOCATION	L0006223	VOLUME	495125.805	3760549.172	719.95
LOCATION	L0006224	VOLUME	495121.901	3760556.824	720.07
LOCATION	L0006225	VOLUME	495117.997	3760564.475	720.20
LOCATION	L0006226	VOLUME	495114.093	3760572.127	720.32
LOCATION	L0006227	VOLUME	495110.134	3760579.749	720.44
LOCATION	L0006228	VOLUME	495105.998	3760587.278	720.56
LOCATION	L0006229	VOLUME	495101.862	3760594.807	720.67
LOCATION	L0006230	VOLUME	495097.727	3760602.336	720.71
LOCATION	L0006231	VOLUME	495093.591	3760609.865	720.58
LOCATION	L0006232	VOLUME	495089.456	3760617.394	720.41
LOCATION	L0006233	VOLUME	495085.320	3760624.923	720.31
LOCATION	L0006234	VOLUME	495081.184	3760632.452	720.28
LOCATION	L0006235	VOLUME	495077.049	3760639.981	720.35
LOCATION	L0006236	VOLUME	495072.913	3760647.509	720.46
LOCATION	L0006237	VOLUME	495068.778	3760655.038	720.54
LOCATION	L0006238	VOLUME	495064.642	3760662.567	720.52
LOCATION	L0006239	VOLUME	495060.506	3760670.096	720.47
LOCATION	L0006240	VOLUME	495056.371	3760677.625	720.45
LOCATION	L0006241	VOLUME	495051.852	3760684.929	720.39
LOCATION	L0006242	VOLUME	495047.289	3760692.207	720.33
LOCATION	L0006243	VOLUME	495042.727	3760699.485	720.27
LOCATION	L0006244	VOLUME	495038.164	3760706.764	720.25
LOCATION	L0006245	VOLUME	495033.744	3760714.127	720.24
LOCATION	L0006246	VOLUME	495029.435	3760721.559	720.17
LOCATION	L0006247	VOLUME	495025.127	3760728.990	720.08
LOCATION	L0006248	VOLUME	495020.819	3760736.422	720.04
LOCATION	L0006249	VOLUME	495016.511	3760743.853	720.00
LOCATION	L0006250	VOLUME	495012.203	3760751.285	719.96
LOCATION	L0006251	VOLUME	495007.895	3760758.716	719.92
LOCATION	L0006252	VOLUME	495003.587	3760766.148	719.88
LOCATION	L0006253	VOLUME	494999.278	3760773.580	719.84
LOCATION	L0006254	VOLUME	494994.970	3760781.011	719.80
LOCATION	L0006255	VOLUME	494990.662	3760788.443	719.74
LOCATION	L0006256	VOLUME	494986.354	3760795.874	719.66
LOCATION	L0006257	VOLUME	494982.046	3760803.306	719.65
LOCATION	L0006258	VOLUME	494977.863	3760810.807	719.71
LOCATION	L0006259	VOLUME	494973.854	3760818.404	719.73
LOCATION	L0006260	VOLUME	494969.844	3760826.001	719.44
LOCATION	L0006261	VOLUME	494965.835	3760833.597	719.22
LOCATION	L0006262	VOLUME	494961.826	3760841.194	719.06
LOCATION	L0006263	VOLUME	494957.816	3760848.791	718.59
LOCATION	L0006264	VOLUME	494953.807	3760856.388	717.34
LOCATION	L0006265	VOLUME	494949.842	3760864.009	715.97
LOCATION	L0006266	VOLUME	494945.896	3760871.638	714.27
LOCATION	L0006267	VOLUME	494941.949	3760879.268	712.91

LOCATION	L0006268	VOLUME	494938.003	3760886.898	711.99
LOCATION	L0006269	VOLUME	494934.057	3760894.528	711.20
LOCATION	L0006270	VOLUME	494930.183	3760902.194	710.55
LOCATION	L0006271	VOLUME	494926.453	3760909.932	710.20
LOCATION	L0006272	VOLUME	494922.722	3760917.669	710.08
LOCATION	L0006273	VOLUME	494918.991	3760925.407	709.95
LOCATION	L0006274	VOLUME	494915.405	3760933.212	709.83
LOCATION	L0006275	VOLUME	494911.831	3760941.023	709.76
LOCATION	L0006276	VOLUME	494908.256	3760948.834	709.77
LOCATION	L0006277	VOLUME	494904.743	3760956.672	709.83
LOCATION	L0006278	VOLUME	494901.336	3760964.558	709.97
LOCATION	L0006279	VOLUME	494897.930	3760972.444	710.05
LOCATION	L0006280	VOLUME	494894.523	3760980.329	710.07
LOCATION	L0006281	VOLUME	494891.117	3760988.215	710.02
LOCATION	L0006282	VOLUME	494887.710	3760996.101	710.00
LOCATION	L0006283	VOLUME	494884.304	3761003.986	710.21
LOCATION	L0006284	VOLUME	494880.897	3761011.872	710.36
LOCATION	L0006285	VOLUME	494877.909	3761019.924	710.46
LOCATION	L0006286	VOLUME	494874.973	3761027.997	710.61
LOCATION	L0006287	VOLUME	494872.038	3761036.070	711.05
LOCATION	L0006288	VOLUME	494869.102	3761044.142	711.49
LOCATION	L0006289	VOLUME	494866.167	3761052.215	711.93
LOCATION	L0006290	VOLUME	494863.231	3761060.288	712.36
LOCATION	L0006291	VOLUME	494860.295	3761068.361	712.81
LOCATION	L0006292	VOLUME	494857.360	3761076.434	713.38
LOCATION	L0006293	VOLUME	494854.424	3761084.506	713.90
LOCATION	L0006294	VOLUME	494851.489	3761092.579	714.43
LOCATION	L0006295	VOLUME	494848.553	3761100.652	714.96
LOCATION	L0006296	VOLUME	494845.618	3761108.725	715.50
LOCATION	L0006297	VOLUME	494842.682	3761116.798	716.01
LOCATION	L0006298	VOLUME	494839.599	3761124.813	716.09
LOCATION	L0006299	VOLUME	494836.291	3761132.741	716.11
LOCATION	L0006300	VOLUME	494832.983	3761140.668	716.07
LOCATION	L0006301	VOLUME	494829.675	3761148.595	716.13
LOCATION	L0006302	VOLUME	494826.366	3761156.523	716.61
LOCATION	L0006303	VOLUME	494823.058	3761164.450	717.09
LOCATION	L0006304	VOLUME	494819.750	3761172.378	717.58
LOCATION	L0006305	VOLUME	494816.442	3761180.305	717.93
LOCATION	L0006306	VOLUME	494811.962	3761187.611	718.23
LOCATION	L0006307	VOLUME	494807.257	3761194.798	718.54
LOCATION	L0006308	VOLUME	494802.553	3761201.986	718.85
LOCATION	L0006309	VOLUME	494797.263	3761208.580	719.21
LOCATION	L0006310	VOLUME	494790.015	3761213.191	719.77
LOCATION	L0006311	VOLUME	494782.754	3761217.780	720.40
LOCATION	L0006312	VOLUME	494775.334	3761222.108	721.11
LOCATION	L0006313	VOLUME	494771.509	3761228.782	721.65
LOCATION	L0006314	VOLUME	494770.535	3761237.316	721.98
LOCATION	L0006315	VOLUME	494769.561	3761245.851	722.06
LOCATION	L0006316	VOLUME	494768.588	3761254.385	722.15
LOCATION	L0006317	VOLUME	494767.614	3761262.920	722.26
LOCATION	L0006318	VOLUME	494766.640	3761271.455	722.41
LOCATION	L0006319	VOLUME	494765.666	3761279.989	722.61
LOCATION	L0006320	VOLUME	494764.693	3761288.524	722.85
LOCATION	L0006321	VOLUME	494763.200	3761296.949	723.26
LOCATION	L0006322	VOLUME	494760.629	3761305.145	724.42
LOCATION	L0006323	VOLUME	494758.058	3761313.341	725.53
LOCATION	L0006324	VOLUME	494755.486	3761321.537	726.59
LOCATION	L0006325	VOLUME	494752.915	3761329.733	727.81
LOCATION	L0006326	VOLUME	494750.344	3761337.929	729.10
LOCATION	L0006327	VOLUME	494747.525	3761346.039	730.16
LOCATION	L0006328	VOLUME	494744.410	3761354.044	730.94
LOCATION	L0006329	VOLUME	494741.295	3761362.049	731.23
LOCATION	L0006330	VOLUME	494738.180	3761370.054	731.50
LOCATION	L0006331	VOLUME	494735.065	3761378.060	731.78
LOCATION	L0006332	VOLUME	494731.950	3761386.065	732.00
LOCATION	L0006333	VOLUME	494728.835	3761394.070	732.36



LOCATION	VOLUME				
L0006334	494725.720	3761402.076	732.79		
L0006335	494722.605	3761410.081	733.27		
L0006336	494719.490	3761418.086	733.67		
L0006337	494716.374	3761426.091	733.60		
L0006338	494713.259	3761434.097	733.42		
L0006339	494710.144	3761442.102	733.13		
L0006340	494707.029	3761450.107	732.90		
L0006341	494703.900	3761458.107	732.87		
L0006342	494700.748	3761466.098	732.89		
L0006343	494697.596	3761474.089	732.97		
L0006344	494694.443	3761482.079	733.00		
L0006345	494691.291	3761490.070	733.00		
L0006346	494688.139	3761498.061	733.00		
L0006347	494684.987	3761506.051	733.00		
L0006348	494681.834	3761514.042	733.01		
L0006349	494678.682	3761522.033	732.94		
L0006350	494675.530	3761530.023	732.84		
L0006351	494672.377	3761538.014	732.75		
L0006352	494669.225	3761546.005	732.75		
L0006353	494666.073	3761553.995	732.81		
L0006354	494662.921	3761561.986	732.92		
L0006355	494659.768	3761569.977	733.04		
L0006356	494656.616	3761577.968	733.08		
L0006357	494653.464	3761585.958	733.07		
L0006358	494650.311	3761593.949	733.00		
L0006359	494647.159	3761601.940	732.91		
L0006360	494644.002	3761609.928	732.89		
L0006361	494640.783	3761617.892	732.91		
L0006362	494637.564	3761625.856	733.00		
L0006363	494634.345	3761633.821	733.00		
L0006364	494631.126	3761641.785	733.00		
L0006365	494627.908	3761649.749	733.00		
L0006366	494624.689	3761657.713	733.05		
L0006367	494621.470	3761665.677	733.32		
L0006368	494618.251	3761673.641	733.54		
L0006369	494615.032	3761681.605	733.70		
L0006370	494611.813	3761689.569	733.75		
L0006371	494608.595	3761697.534	733.76		
L0006372	494605.376	3761705.498	733.82		
L0006373	494602.157	3761713.462	733.94		
L0006374	494598.938	3761721.426	734.17		

\*\* END OF LINE VOLUME SOURCE ID = SLINE39

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\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

\*\* LINE VOLUME SOURCE ID = SLINE29

\*\* DESCRSRC WH CALIMESA 30%

\*\* PREFIX

\*\* LENGTH OF SIDE = 14.00

\*\* CONFIGURATION = ADJACENT

\*\* EMISSION RATE = 0.00001076

\*\* VERTICAL DIMENSION = 6.99

\*\* SZINIT = 3.25

\*\* NODES = 15

\*\* 496200.060, 3759159.450, 695.00, 3.49, 6.51

\*\* 496279.562, 3759090.788, 695.00, 3.49, 6.51

\*\* 496372.616, 3759001.348, 695.74, 3.49, 6.51

\*\* 496489.159, 3758899.260, 702.21, 3.49, 6.51

\*\* 496545.173, 3758852.281, 704.57, 3.49, 6.51

\*\* 496588.537, 3758820.661, 704.93, 3.49, 6.51

\*\* 496617.775, 3758802.663, 705.14, 3.49, 6.51

\*\* 496654.089, 3758784.742, 705.25, 3.49, 6.51

\*\* 496722.000, 3758762.576, 705.92, 3.49, 6.51

\*\* 496799.816, 3758744.183, 706.69, 3.49, 6.51

\*\* 496826.226, 3758736.166, 706.94, 3.49, 6.51

\*\* 496857.352, 3758712.114, 708.39, 3.49, 6.51

\*\* 496875.273, 3758688.533, 709.02, 3.49, 6.51

\*\* 496880.461, 3758668.254, 710.50, 3.49, 6.51

\*\* 496880.461, 3758665.425, 710.46, 3.49, 6.51

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LOCATION	L0006375	VOLUME	496205.358	3759154.874	695.00
LOCATION	L0006376	VOLUME	496215.953	3759145.724	695.00
LOCATION	L0006377	VOLUME	496226.549	3759136.573	695.00
LOCATION	L0006378	VOLUME	496237.144	3759127.422	695.00
LOCATION	L0006379	VOLUME	496247.740	3759118.272	695.00
LOCATION	L0006380	VOLUME	496258.335	3759109.121	695.00
LOCATION	L0006381	VOLUME	496268.931	3759099.970	695.00
LOCATION	L0006382	VOLUME	496279.526	3759090.820	695.00
LOCATION	L0006383	VOLUME	496289.622	3759081.120	695.00
LOCATION	L0006384	VOLUME	496299.715	3759071.418	695.00
LOCATION	L0006385	VOLUME	496309.809	3759061.717	695.00
LOCATION	L0006386	VOLUME	496319.902	3759052.015	695.00
LOCATION	L0006387	VOLUME	496329.996	3759042.314	695.13
LOCATION	L0006388	VOLUME	496340.089	3759032.612	695.31
LOCATION	L0006389	VOLUME	496350.183	3759022.910	695.27
LOCATION	L0006390	VOLUME	496360.276	3759013.209	695.20
LOCATION	L0006391	VOLUME	496370.370	3759003.507	695.71
LOCATION	L0006392	VOLUME	496380.804	3758994.176	695.97
LOCATION	L0006393	VOLUME	496391.335	3758984.952	696.12
LOCATION	L0006394	VOLUME	496401.866	3758975.727	697.05
LOCATION	L0006395	VOLUME	496412.397	3758966.502	697.97
LOCATION	L0006396	VOLUME	496422.928	3758957.277	698.81
LOCATION	L0006397	VOLUME	496433.459	3758948.052	698.95
LOCATION	L0006398	VOLUME	496443.990	3758938.827	699.25
LOCATION	L0006399	VOLUME	496454.521	3758929.603	699.91
LOCATION	L0006400	VOLUME	496465.052	3758920.378	700.88
LOCATION	L0006401	VOLUME	496475.583	3758911.153	701.50
LOCATION	L0006402	VOLUME	496486.114	3758901.928	701.81
LOCATION	L0006403	VOLUME	496496.784	3758892.865	702.27
LOCATION	L0006404	VOLUME	496507.511	3758883.869	702.86
LOCATION	L0006405	VOLUME	496518.237	3758874.872	703.50
LOCATION	L0006406	VOLUME	496528.964	3758865.876	704.02
LOCATION	L0006407	VOLUME	496539.691	3758856.879	704.63
LOCATION	L0006408	VOLUME	496550.703	3758848.248	704.85
LOCATION	L0006409	VOLUME	496562.016	3758840.000	705.03
LOCATION	L0006410	VOLUME	496573.328	3758831.752	705.05
LOCATION	L0006411	VOLUME	496584.640	3758823.503	704.95
LOCATION	L0006412	VOLUME	496596.352	3758815.851	704.81
LOCATION	L0006413	VOLUME	496608.274	3758808.511	704.94
LOCATION	L0006414	VOLUME	496620.324	3758801.404	705.16
LOCATION	L0006415	VOLUME	496632.879	3758795.209	705.34
LOCATION	L0006416	VOLUME	496645.433	3758789.013	705.29
LOCATION	L0006417	VOLUME	496658.222	3758783.393	705.06
LOCATION	L0006418	VOLUME	496671.531	3758779.049	705.00
LOCATION	L0006419	VOLUME	496684.840	3758774.705	705.06
LOCATION	L0006420	VOLUME	496698.149	3758770.361	705.40
LOCATION	L0006421	VOLUME	496711.458	3758766.017	705.80
LOCATION	L0006422	VOLUME	496724.833	3758761.906	706.00
LOCATION	L0006423	VOLUME	496738.457	3758758.686	706.00
LOCATION	L0006424	VOLUME	496752.082	3758755.466	706.02
LOCATION	L0006425	VOLUME	496765.706	3758752.245	706.10
LOCATION	L0006426	VOLUME	496779.331	3758749.025	706.09
LOCATION	L0006427	VOLUME	496792.956	3758745.805	706.42
LOCATION	L0006428	VOLUME	496806.467	3758742.164	706.87
LOCATION	L0006429	VOLUME	496819.863	3758738.097	707.08
LOCATION	L0006430	VOLUME	496832.042	3758731.671	707.35
LOCATION	L0006431	VOLUME	496843.120	3758723.111	707.88
LOCATION	L0006432	VOLUME	496854.198	3758714.551	708.43
LOCATION	L0006433	VOLUME	496863.412	3758704.141	708.67
LOCATION	L0006434	VOLUME	496871.883	3758692.994	709.05
LOCATION	L0006435	VOLUME	496877.354	3758680.399	709.42
LOCATION	L0006436	VOLUME	496880.461	3758666.790	709.98

\*\* END OF LINE VOLUME SOURCE ID = SLINE29

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\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES  
\*\* LINE VOLUME SOURCE ID = SLINE30  
\*\* DESCRSRC WH CV 4% E  
\*\* PREFIX  
\*\* LENGTH OF SIDE = 8.59  
\*\* CONFIGURATION = ADJACENT  
\*\* EMISSION RATE = 5.281E-07  
\*\* VERTICAL DIMENSION = 6.99  
\*\* SZINIT = 3.25  
\*\* NODES = 2  
\*\* 496880.776, 3758659.964, 710.41, 3.49, 4.00  
\*\* 497198.031, 3758669.847, 720.98, 3.49, 4.00  
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LOCATION L0006437	VOLUME	496885.069	3758660.098	710.36
LOCATION L0006438	VOLUME	496893.654	3758660.366	710.63
LOCATION L0006439	VOLUME	496902.240	3758660.633	710.91
LOCATION L0006440	VOLUME	496910.826	3758660.900	711.19
LOCATION L0006441	VOLUME	496919.412	3758661.168	711.46
LOCATION L0006442	VOLUME	496927.998	3758661.435	711.74
LOCATION L0006443	VOLUME	496936.584	3758661.703	712.02
LOCATION L0006444	VOLUME	496945.169	3758661.970	712.30
LOCATION L0006445	VOLUME	496953.755	3758662.238	712.57
LOCATION L0006446	VOLUME	496962.341	3758662.505	712.86
LOCATION L0006447	VOLUME	496970.927	3758662.773	713.21
LOCATION L0006448	VOLUME	496979.513	3758663.040	713.55
LOCATION L0006449	VOLUME	496988.099	3758663.307	713.90
LOCATION L0006450	VOLUME	496996.684	3758663.575	714.21
LOCATION L0006451	VOLUME	497005.270	3758663.842	714.49
LOCATION L0006452	VOLUME	497013.856	3758664.110	714.78
LOCATION L0006453	VOLUME	497022.442	3758664.377	715.07
LOCATION L0006454	VOLUME	497031.028	3758664.645	715.35
LOCATION L0006455	VOLUME	497039.614	3758664.912	715.64
LOCATION L0006456	VOLUME	497048.200	3758665.180	715.92
LOCATION L0006457	VOLUME	497056.785	3758665.447	716.49
LOCATION L0006458	VOLUME	497065.371	3758665.714	717.15
LOCATION L0006459	VOLUME	497073.957	3758665.982	717.82
LOCATION L0006460	VOLUME	497082.543	3758666.249	718.34
LOCATION L0006461	VOLUME	497091.129	3758666.517	718.35
LOCATION L0006462	VOLUME	497099.715	3758666.784	718.35
LOCATION L0006463	VOLUME	497108.300	3758667.052	718.36
LOCATION L0006464	VOLUME	497116.886	3758667.319	718.37
LOCATION L0006465	VOLUME	497125.472	3758667.586	718.38
LOCATION L0006466	VOLUME	497134.058	3758667.854	718.39
LOCATION L0006467	VOLUME	497142.644	3758668.121	718.47
LOCATION L0006468	VOLUME	497151.230	3758668.389	718.77
LOCATION L0006469	VOLUME	497159.815	3758668.656	719.06
LOCATION L0006470	VOLUME	497168.401	3758668.924	719.36
LOCATION L0006471	VOLUME	497176.987	3758669.191	719.87
LOCATION L0006472	VOLUME	497185.573	3758669.459	720.45
LOCATION L0006473	VOLUME	497194.159	3758669.726	721.03

\*\* END OF LINE VOLUME SOURCE ID = SLINE30  
\*\* -----  
\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES  
\*\* LINE VOLUME SOURCE ID = SLINE31  
\*\* DESCRSRC WH CV 26%  
\*\* PREFIX  
\*\* LENGTH OF SIDE = 8.59  
\*\* CONFIGURATION = ADJACENT  
\*\* EMISSION RATE = 2.861E-06  
\*\* VERTICAL DIMENSION = 6.99  
\*\* SZINIT = 3.25  
\*\* NODES = 11  
\*\* 496876.686, 3758658.601, 710.18, 3.49, 4.00  
\*\* 496843.973, 3758657.920, 710.15, 3.49, 4.00  
\*\* 496810.918, 3758655.875, 716.00, 3.49, 4.00

\*\* 496786.042, 3758654.171, 716.11, 3.49, 4.00  
\*\* 496756.736, 3758649.401, 716.37, 3.49, 4.00  
\*\* 496729.134, 3758643.607, 716.19, 3.49, 4.00  
\*\* 496704.939, 3758634.407, 717.30, 3.49, 4.00  
\*\* 496687.560, 3758627.591, 716.04, 3.49, 4.00  
\*\* 496663.706, 3758614.983, 717.34, 3.49, 4.00  
\*\* 496640.875, 3758599.989, 718.95, 3.49, 4.00  
\*\* 496626.562, 3758590.788, 718.95, 3.49, 4.00

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LOCATION L0006474        VOLUME    496872.392 3758658.512 709.99  
LOCATION L0006475        VOLUME    496863.804 3758658.333 709.90  
LOCATION L0006476        VOLUME    496855.216 3758658.154 709.87  
LOCATION L0006477        VOLUME    496846.628 3758657.975 709.84  
LOCATION L0006478        VOLUME    496838.050 3758657.553 710.33  
LOCATION L0006479        VOLUME    496829.476 3758657.023 712.06  
LOCATION L0006480        VOLUME    496820.903 3758656.493 713.85  
LOCATION L0006481        VOLUME    496812.329 3758655.962 715.65  
LOCATION L0006482        VOLUME    496803.759 3758655.385 716.08  
LOCATION L0006483        VOLUME    496795.189 3758654.798 716.14  
LOCATION L0006484        VOLUME    496786.619 3758654.211 716.20  
LOCATION L0006485        VOLUME    496778.134 3758652.884 716.34  
LOCATION L0006486        VOLUME    496769.656 3758651.504 716.52  
LOCATION L0006487        VOLUME    496761.177 3758650.124 716.73  
LOCATION L0006488        VOLUME    496752.733 3758648.560 717.00  
LOCATION L0006489        VOLUME    496744.326 3758646.796 717.05  
LOCATION L0006490        VOLUME    496735.919 3758645.032 717.00  
LOCATION L0006491        VOLUME    496727.585 3758643.019 716.99  
LOCATION L0006492        VOLUME    496719.556 3758639.965 717.08  
LOCATION L0006493        VOLUME    496711.527 3758636.912 716.78  
LOCATION L0006494        VOLUME    496703.504 3758633.844 716.43  
LOCATION L0006495        VOLUME    496695.507 3758630.708 716.03  
LOCATION L0006496        VOLUME    496687.512 3758627.566 715.96  
LOCATION L0006497        VOLUME    496679.918 3758623.552 716.41  
LOCATION L0006498        VOLUME    496672.324 3758619.538 716.87  
LOCATION L0006499        VOLUME    496664.729 3758615.524 717.47  
LOCATION L0006500        VOLUME    496657.493 3758610.903 718.02  
LOCATION L0006501        VOLUME    496650.313 3758606.188 718.33  
LOCATION L0006502        VOLUME    496643.133 3758601.472 718.65  
LOCATION L0006503        VOLUME    496635.922 3758596.805 718.96  
LOCATION L0006504        VOLUME    496628.696 3758592.160 718.96

\*\* END OF LINE VOLUME SOURCE ID = SLINE31

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\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES  
\*\* LINE VOLUME SOURCE ID = SLINE32  
\*\* DESCRSRC WH CV 4% W  
\*\* PREFIX  
\*\* LENGTH OF SIDE = 14.00  
\*\* CONFIGURATION = ADJACENT  
\*\* EMISSION RATE = 6.736E-07  
\*\* VERTICAL DIMENSION = 6.99  
\*\* SZINIT = 3.25  
\*\* NODES = 13  
\*\* 496623.836, 3758588.403, 718.89, 3.49, 6.51  
\*\* 496583.285, 3758550.578, 719.65, 3.49, 6.51  
\*\* 496561.135, 3758527.746, 719.11, 3.49, 6.51  
\*\* 496542.733, 3758506.618, 718.99, 3.49, 6.51  
\*\* 496529.443, 3758486.172, 718.07, 3.49, 6.51  
\*\* 496501.159, 3758445.280, 719.00, 3.49, 6.51  
\*\* 496485.143, 3758416.996, 719.00, 3.49, 6.51  
\*\* 496475.602, 3758400.639, 719.00, 3.49, 6.51  
\*\* 496467.764, 3758376.104, 719.75, 3.49, 6.51  
\*\* 496462.993, 3758355.999, 721.68, 3.49, 6.51  
\*\* 496457.200, 3758324.989, 719.00, 3.49, 6.51  
\*\* 496454.133, 3758299.090, 719.00, 3.49, 6.51  
\*\* 496448.340, 3758239.456, 718.01, 3.49, 6.51  
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LOCATION	VOLUME				
L0006505	496618.717	3758583.628	718.94		
L0006506	496608.480	3758574.079	719.35		
L0006507	496598.242	3758564.529	720.05		
L0006508	496588.004	3758554.980	720.06		
L0006509	496578.031	3758545.162	719.65		
L0006510	496568.282	3758535.113	719.00		
L0006511	496558.681	3758524.929	719.00		
L0006512	496549.487	3758514.372	719.00		
L0006513	496540.707	3758503.501	718.91		
L0006514	496533.077	3758491.763	718.52		
L0006515	496525.273	3758480.142	718.13		
L0006516	496517.309	3758468.628	718.25		
L0006517	496509.345	3758457.114	718.64		
L0006518	496501.381	3758445.600	719.00		
L0006519	496494.453	3758433.436	719.00		
L0006520	496487.554	3758421.254	719.00		
L0006521	496480.554	3758409.129	719.00		
L0006522	496474.333	3758396.666	719.13		
L0006523	496470.072	3758383.330	719.69		
L0006524	496466.283	3758369.863	721.16		
L0006525	496463.051	3758356.241	722.25		
L0006526	496460.468	3758342.482	720.63		
L0006527	496457.897	3758328.720	719.23		
L0006528	496456.000	3758314.855	719.00		
L0006529	496454.354	3758300.953	719.00		
L0006530	496452.961	3758287.022	719.00		
L0006531	496451.607	3758273.088	719.00		
L0006532	496450.254	3758259.154	718.77		
L0006533	496448.900	3758245.219	718.30		

\*\* END OF LINE VOLUME SOURCE ID = SLINE32

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\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

\*\* LINE VOLUME SOURCE ID = SLINE33

\*\* DESCRSRC WH CALIMESA 15%

\*\* PREFIX

\*\* LENGTH OF SIDE = 14.00

\*\* CONFIGURATION = ADJACENT

\*\* EMISSION RATE = 2.299E-06

\*\* VERTICAL DIMENSION = 6.99

\*\* SZINIT = 3.25

\*\* NODES = 8

\*\* 496200.805, 3759159.545, 695.00, 3.49, 6.51

\*\* 496161.184, 3759190.205, 695.00, 3.49, 6.51

\*\* 496135.713, 3759209.544, 695.00, 3.49, 6.51

\*\* 496110.242, 3759226.524, 695.00, 3.49, 6.51

\*\* 496067.318, 3759251.524, 695.00, 3.49, 6.51

\*\* 496015.905, 3759278.882, 694.15, 3.49, 6.51

\*\* 495938.548, 3759320.862, 694.96, 3.49, 6.51

\*\* 495885.719, 3759349.163, 695.00, 3.49, 6.51

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LOCATION	VOLUME				
L0006534	496195.269	3759163.829	695.00		
L0006535	496184.197	3759172.397	695.00		
L0006536	496173.125	3759180.965	695.00		
L0006537	496162.053	3759189.532	695.00		
L0006538	496150.909	3759198.006	695.00		
L0006539	496139.758	3759206.472	695.00		
L0006540	496128.290	3759214.492	695.00		
L0006541	496116.642	3759222.258	695.00		
L0006542	496104.791	3759229.699	695.00		
L0006543	496092.693	3759236.745	695.00		
L0006544	496080.595	3759243.791	695.00		
L0006545	496068.498	3759250.837	695.00		
L0006546	496056.164	3759257.459	694.96		
L0006547	496043.805	3759264.036	694.74		
L0006548	496031.445	3759270.612	694.52		
L0006549	496019.086	3759277.189	694.30		

LOCATION L0006550	VOLUME	496006.767	3759283.840	694.08
LOCATION L0006551	VOLUME	495994.462	3759290.518	694.00
LOCATION L0006552	VOLUME	495982.158	3759297.195	694.00
LOCATION L0006553	VOLUME	495969.853	3759303.873	694.01
LOCATION L0006554	VOLUME	495957.548	3759310.551	694.35
LOCATION L0006555	VOLUME	495945.243	3759317.228	694.81
LOCATION L0006556	VOLUME	495932.922	3759323.876	694.81
LOCATION L0006557	VOLUME	495920.581	3759330.487	694.84
LOCATION L0006558	VOLUME	495908.240	3759337.098	695.00
LOCATION L0006559	VOLUME	495895.900	3759343.709	695.00

\*\* END OF LINE VOLUME SOURCE ID = SLINE33

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\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

\*\* LINE VOLUME SOURCE ID = SLINE34

\*\* DESCRSRC WH CALIMESA 35%

\*\* PREFIX

\*\* LENGTH OF SIDE = 14.00

\*\* CONFIGURATION = ADJACENT

\*\* EMISSION RATE = 2.18E-06

\*\* VERTICAL DIMENSION = 6.99

\*\* SZINIT = 3.25

\*\* NODES = 5

\*\* 495884.558, 3759350.234, 695.00, 3.49, 6.51

\*\* 495863.332, 3759362.970, 695.00, 3.49, 6.51

\*\* 495815.690, 3759393.159, 695.00, 3.49, 6.51

\*\* 495781.727, 3759414.857, 695.19, 3.49, 6.51

\*\* 495758.142, 3759430.423, 696.04, 3.49, 6.51

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LOCATION L0006560	VOLUME	495878.556	3759353.835	695.00
LOCATION L0006561	VOLUME	495866.551	3759361.038	695.00
LOCATION L0006562	VOLUME	495854.677	3759368.454	695.00
LOCATION L0006563	VOLUME	495842.851	3759375.947	695.00
LOCATION L0006564	VOLUME	495831.026	3759383.441	695.00
LOCATION L0006565	VOLUME	495819.200	3759390.934	695.00
LOCATION L0006566	VOLUME	495807.394	3759398.459	695.00
LOCATION L0006567	VOLUME	495795.596	3759405.996	695.00
LOCATION L0006568	VOLUME	495783.798	3759413.534	695.41
LOCATION L0006569	VOLUME	495772.094	3759421.215	695.81
LOCATION L0006570	VOLUME	495760.409	3759428.927	696.00

\*\* END OF LINE VOLUME SOURCE ID = SLINE34

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\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

\*\* LINE VOLUME SOURCE ID = SLINE35

\*\* DESCRSRC WH CALIMESA 70%

\*\* PREFIX

\*\* LENGTH OF SIDE = 14.00

\*\* CONFIGURATION = ADJACENT

\*\* EMISSION RATE = 0.00001458

\*\* VERTICAL DIMENSION = 6.99

\*\* SZINIT = 3.25

\*\* NODES = 20

\*\* 495756.256, 3759432.310, 696.04, 3.49, 6.51

\*\* 495725.595, 3759454.480, 697.56, 3.49, 6.51

\*\* 495689.746, 3759483.725, 696.75, 3.49, 6.51

\*\* 495663.802, 3759506.367, 696.78, 3.49, 6.51

\*\* 495646.350, 3759525.235, 697.02, 3.49, 6.51

\*\* 495627.953, 3759547.405, 697.80, 3.49, 6.51

\*\* 495611.444, 3759569.574, 697.83, 3.49, 6.51

\*\* 495600.595, 3759597.405, 698.00, 3.49, 6.51

\*\* 495593.991, 3759614.858, 698.35, 3.49, 6.51

\*\* 495586.915, 3759646.933, 698.96, 3.49, 6.51

\*\* 495584.557, 3759664.386, 699.11, 3.49, 6.51

\*\* 495588.802, 3759686.556, 699.20, 3.49, 6.51

\*\* 495593.519, 3759705.896, 699.91, 3.49, 6.51

\*\* 495607.670, 3759740.330, 700.93, 3.49, 6.51

\*\* 495616.161, 3759761.085, 701.08, 3.49, 6.51

\*\* 495622.765, 3759773.349, 701.31, 3.49, 6.51  
\*\* 495627.482, 3759793.160, 701.86, 3.49, 6.51  
\*\* 495633.614, 3759817.689, 702.85, 3.49, 6.51  
\*\* 495632.670, 3759837.500, 702.93, 3.49, 6.51  
\*\* 495629.368, 3759856.840, 703.00, 3.49, 6.51

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LOCATION L0006571 VOLUME 495750.583 3759436.411 696.34  
LOCATION L0006572 VOLUME 495739.238 3759444.615 696.99  
LOCATION L0006573 VOLUME 495727.893 3759452.818 697.47  
LOCATION L0006574 VOLUME 495716.945 3759461.537 697.40  
LOCATION L0006575 VOLUME 495706.097 3759470.386 697.16  
LOCATION L0006576 VOLUME 495695.248 3759479.236 696.90  
LOCATION L0006577 VOLUME 495684.548 3759488.261 696.86  
LOCATION L0006578 VOLUME 495674.000 3759497.467 697.04  
LOCATION L0006579 VOLUME 495663.487 3759506.708 697.12  
LOCATION L0006580 VOLUME 495653.980 3759516.985 697.15  
LOCATION L0006581 VOLUME 495644.586 3759527.361 697.17  
LOCATION L0006582 VOLUME 495635.646 3759538.134 697.40  
LOCATION L0006583 VOLUME 495626.786 3759548.972 697.76  
LOCATION L0006584 VOLUME 495618.424 3759560.200 698.00  
LOCATION L0006585 VOLUME 495610.604 3759571.729 698.00  
LOCATION L0006586 VOLUME 495605.519 3759584.773 697.99  
LOCATION L0006587 VOLUME 495600.438 3759597.818 698.26  
LOCATION L0006588 VOLUME 495595.484 3759610.912 698.41  
LOCATION L0006589 VOLUME 495591.884 3759624.410 698.55  
LOCATION L0006590 VOLUME 495588.868 3759638.081 698.81  
LOCATION L0006591 VOLUME 495586.255 3759651.824 699.04  
LOCATION L0006592 VOLUME 495584.806 3759665.686 699.10  
LOCATION L0006593 VOLUME 495587.439 3759679.436 699.32  
LOCATION L0006594 VOLUME 495590.402 3759693.114 699.71  
LOCATION L0006595 VOLUME 495593.840 3759706.676 700.01  
LOCATION L0006596 VOLUME 495599.162 3759719.625 700.28  
LOCATION L0006597 VOLUME 495604.483 3759732.575 700.71  
LOCATION L0006598 VOLUME 495609.796 3759745.527 700.99  
LOCATION L0006599 VOLUME 495615.097 3759758.485 701.08  
LOCATION L0006600 VOLUME 495621.466 3759770.938 701.47  
LOCATION L0006601 VOLUME 495625.373 3759784.305 701.80  
LOCATION L0006602 VOLUME 495628.669 3759797.911 702.06  
LOCATION L0006603 VOLUME 495632.065 3759811.493 702.51  
LOCATION L0006604 VOLUME 495633.252 3759825.293 702.97  
LOCATION L0006605 VOLUME 495632.371 3759839.254 703.00  
LOCATION L0006606 VOLUME 495630.015 3759853.055 703.00

\*\* END OF LINE VOLUME SOURCE ID = SLINE35

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\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

\*\* LINE VOLUME SOURCE ID = SLINE38

\*\* DESCRSRC WH SINGLETON 4% W

\*\* PREFIX

\*\* LENGTH OF SIDE = 8.59

\*\* CONFIGURATION = ADJACENT

\*\* EMISSION RATE = 5.952E-07

\*\* VERTICAL DIMENSION = 6.99

\*\* SZINIT = 3.25

\*\* NODES = 6

\*\* 495278.383, 3759818.731, 695.99, 3.49, 4.00

\*\* 495199.711, 3759801.721, 693.66, 3.49, 4.00

\*\* 495164.628, 3759785.774, 690.72, 3.49, 4.00

\*\* 495130.607, 3759764.512, 687.00, 3.49, 4.00

\*\* 495107.219, 3759743.249, 685.02, 3.49, 4.00

\*\* 494992.400, 3759622.052, 679.30, 3.49, 4.00

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LOCATION L0006607 VOLUME 495274.185 3759817.824 695.79  
LOCATION L0006608 VOLUME 495265.789 3759816.008 695.51  
LOCATION L0006609 VOLUME 495257.393 3759814.193 695.23  
LOCATION L0006610 VOLUME 495248.997 3759812.378 694.98  
LOCATION L0006611 VOLUME 495240.601 3759810.562 694.83

LOCATION	VOLUME				
L0006612	495232.205	3759808.747	694.65		
L0006613	495223.809	3759806.931	694.43		
L0006614	495215.413	3759805.116	694.25		
L0006615	495207.017	3759803.301	694.13		
L0006616	495198.695	3759801.260	694.05		
L0006617	495190.875	3759797.705	694.00		
L0006618	495183.055	3759794.150	693.08		
L0006619	495175.235	3759790.596	692.02		
L0006620	495167.415	3759787.041	691.02		
L0006621	495159.940	3759782.844	690.07		
L0006622	495152.656	3759778.292	689.19		
L0006623	495145.371	3759773.739	688.38		
L0006624	495138.087	3759769.186	687.64		
L0006625	495130.803	3759764.634	686.98		
L0006626	495124.422	3759758.888	686.56		
L0006627	495118.066	3759753.110	686.15		
L0006628	495111.710	3759747.332	685.75		
L0006629	495105.485	3759741.419	685.34		
L0006630	495099.577	3759735.183	684.94		
L0006631	495093.670	3759728.947	684.53		
L0006632	495087.762	3759722.711	684.13		
L0006633	495081.854	3759716.475	683.72		
L0006634	495075.946	3759710.240	683.32		
L0006635	495070.039	3759704.004	682.93		
L0006636	495064.131	3759697.768	682.72		
L0006637	495058.223	3759691.532	682.51		
L0006638	495052.316	3759685.296	682.30		
L0006639	495046.408	3759679.060	682.10		
L0006640	495040.500	3759672.824	681.89		
L0006641	495034.592	3759666.588	681.68		
L0006642	495028.685	3759660.352	681.47		
L0006643	495022.777	3759654.116	681.26		
L0006644	495016.869	3759647.880	681.06		
L0006645	495010.961	3759641.644	680.85		
L0006646	495005.054	3759635.408	680.46		
L0006647	494999.146	3759629.172	680.06		
L0006648	494993.238	3759622.936	679.65		

\*\* END OF LINE VOLUME SOURCE ID = SLINE38

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\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

\*\* LINE VOLUME SOURCE ID = SLINE40

\*\* DESCRSRC TTP 1 IDLE 127

\*\* PREFIX

\*\* LENGTH OF SIDE = 8.59

\*\* CONFIGURATION = ADJACENT

\*\* EMISSION RATE = 4.072E-06

\*\* VERTICAL DIMENSION = 6.99

\*\* SZINIT = 3.25

\*\* NODES = 8

\*\* 495729.226, 3759728.593, 701.90, 3.49, 4.00

\*\* 495807.496, 3759740.846, 702.88, 3.49, 4.00

\*\* 495814.848, 3759745.748, 703.01, 3.49, 4.00

\*\* 495824.191, 3759765.047, 703.98, 3.49, 4.00

\*\* 495832.769, 3759764.128, 703.90, 3.49, 4.00

\*\* 495835.985, 3759772.093, 703.93, 3.49, 4.00

\*\* 496046.594, 3759674.217, 703.95, 3.49, 4.00

\*\* 496070.794, 3759729.665, 705.13, 3.49, 4.00

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LOCATION	VOLUME				
L0007013	495733.469	3759729.257	701.79		
L0007014	495741.956	3759730.586	701.89		
L0007015	495750.442	3759731.914	701.95		
L0007016	495758.929	3759733.243	702.00		
L0007017	495767.416	3759734.571	702.22		
L0007018	495775.902	3759735.900	702.51		
L0007019	495784.389	3759737.229	702.83		
L0007020	495792.876	3759738.557	703.08		



LOCATION	VOLUME				
L0007021	495801.362	3759739.886	703.12		
L0007022	495809.477	3759742.167	703.20		
L0007023	495815.778	3759747.670	703.38		
L0007024	495819.521	3759755.402	703.64		
L0007025	495823.265	3759763.133	703.91		
L0007026	495830.618	3759764.358	703.96		
L0007027	495835.175	3759770.087	704.13		
L0007028	495841.814	3759769.384	704.11		
L0007029	495849.604	3759765.764	704.00		
L0007030	495857.393	3759762.144	704.20		
L0007031	495865.183	3759758.524	704.37		
L0007032	495872.973	3759754.904	704.47		
L0007033	495880.763	3759751.283	704.50		
L0007034	495888.553	3759747.663	704.38		
L0007035	495896.343	3759744.043	704.26		
L0007036	495904.133	3759740.423	704.14		
L0007037	495911.923	3759736.803	704.07		
L0007038	495919.713	3759733.182	704.28		
L0007039	495927.502	3759729.562	704.44		
L0007040	495935.292	3759725.942	704.55		
L0007041	495943.082	3759722.322	704.54		
L0007042	495950.872	3759718.702	704.42		
L0007043	495958.662	3759715.082	704.30		
L0007044	495966.452	3759711.461	704.18		
L0007045	495974.242	3759707.841	704.06		
L0007046	495982.032	3759704.221	703.93		
L0007047	495989.822	3759700.601	703.81		
L0007048	495997.612	3759696.981	703.69		
L0007049	496005.401	3759693.361	703.64		
L0007050	496013.191	3759689.740	703.69		
L0007051	496020.981	3759686.120	703.79		
L0007052	496028.771	3759682.500	703.96		
L0007053	496036.561	3759678.880	704.00		
L0007054	496044.351	3759675.260	704.00		
L0007055	496049.041	3759679.824	704.00		
L0007056	496052.477	3759687.696	704.00		
L0007057	496055.913	3759695.569	704.00		
L0007058	496059.349	3759703.442	704.00		
L0007059	496062.785	3759711.315	704.18		
L0007060	496066.221	3759719.188	704.52		
L0007061	496069.658	3759727.060	704.91		

\*\* END OF LINE VOLUME SOURCE ID = SLINE40

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\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

\*\* LINE VOLUME SOURCE ID = SLINE41

\*\* DESCRSRC TTP 1 IDLE 86

\*\* PREFIX

\*\* LENGTH OF SIDE = 8.59

\*\* CONFIGURATION = ADJACENT

\*\* EMISSION RATE = 2.757E-06

\*\* VERTICAL DIMENSION = 6.99

\*\* SZINIT = 3.25

\*\* NODES = 4

\*\* 495896.640, 3759786.184, 705.43, 3.49, 4.00

\*\* 496034.187, 3759722.925, 705.18, 3.49, 4.00

\*\* 496040.314, 3759741.306, 705.62, 3.49, 4.00

\*\* 495919.003, 3759793.996, 705.89, 3.49, 4.00

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LOCATION	VOLUME				
L0007062	495900.542	3759784.390	705.41		
L0007063	495908.347	3759780.801	705.45		
L0007064	495916.151	3759777.211	705.49		
L0007065	495923.955	3759773.622	705.59		
L0007066	495931.759	3759770.033	705.75		
L0007067	495939.563	3759766.444	705.97		
L0007068	495947.368	3759762.854	705.89		
L0007069	495955.172	3759759.265	705.77		

LOCATION	VOLUME				
L0007070	495962.976	3759755.676	705.65		
L0007071	495970.780	3759752.087	705.53		
L0007072	495978.584	3759748.498	705.41		
L0007073	495986.389	3759744.908	705.29		
L0007074	495994.193	3759741.319	705.17		
L0007075	496001.997	3759737.730	705.10		
L0007076	496009.801	3759734.141	705.22		
L0007077	496017.605	3759730.551	705.28		
L0007078	496025.410	3759726.962	705.27		
L0007079	496033.214	3759723.373	705.09		
L0007080	496036.565	3759730.059	705.43		
L0007081	496039.281	3759738.208	705.79		
L0007082	496035.430	3759743.427	706.11		
L0007083	496027.551	3759746.849	706.26		
L0007084	496019.672	3759750.271	706.11		
L0007085	496011.793	3759753.693	705.96		
L0007086	496003.914	3759757.116	705.81		
L0007087	495996.036	3759760.538	705.81		
L0007088	495988.157	3759763.960	705.93		
L0007089	495980.278	3759767.382	706.04		
L0007090	495972.399	3759770.804	706.15		
L0007091	495964.520	3759774.226	706.22		
L0007092	495956.641	3759777.648	706.21		
L0007093	495948.762	3759781.071	706.14		
L0007094	495940.883	3759784.493	706.01		
L0007095	495933.004	3759787.915	705.93		
L0007096	495925.125	3759791.337	705.92		

\*\* END OF LINE VOLUME SOURCE ID = SLINE41

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\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

\*\* LINE VOLUME SOURCE ID = SLINE42

\*\* DESCRSRC TTP 1 IDLE 41

\*\* PREFIX

\*\* LENGTH OF SIDE = 8.59

\*\* CONFIGURATION = ADJACENT

\*\* EMISSION RATE = 1.314E-06

\*\* VERTICAL DIMENSION = 6.99

\*\* SZINIT = 3.25

\*\* NODES = 2

\*\* 495950.097, 3759819.422, 707.05, 3.49, 4.00

\*\* 496076.615, 3759763.515, 706.81, 3.49, 4.00

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LOCATION	VOLUME				
L0007132	495954.025	3759817.686	707.17		
L0007133	495961.882	3759814.214	707.32		
L0007134	495969.739	3759810.742	707.46		
L0007135	495977.596	3759807.270	707.37		
L0007136	495985.453	3759803.799	707.25		
L0007137	495993.311	3759800.327	707.14		
L0007138	496001.168	3759796.855	707.05		
L0007139	496009.025	3759793.383	707.19		
L0007140	496016.882	3759789.911	707.34		
L0007141	496024.739	3759786.439	707.49		
L0007142	496032.596	3759782.967	707.56		
L0007143	496040.453	3759779.495	707.44		
L0007144	496048.310	3759776.023	707.33		
L0007145	496056.167	3759772.551	707.21		
L0007146	496064.024	3759769.079	707.10		
L0007147	496071.881	3759765.607	706.97		

\*\* END OF LINE VOLUME SOURCE ID = SLINE42

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\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

\*\* LINE VOLUME SOURCE ID = SLINE43

\*\* DESCRSRC TTP 2 IDLE 258

\*\* PREFIX

\*\* LENGTH OF SIDE = 8.59

\*\* CONFIGURATION = ADJACENT

\*\* EMISSION RATE = 8.271E-06  
\*\* VERTICAL DIMENSION = 6.99  
\*\* SZINIT = 3.25  
\*\* NODES = 4  
\*\* 496525.575, 3759501.704, 714.79, 3.49, 4.00  
\*\* 496172.276, 3759661.334, 702.68, 3.49, 4.00  
\*\* 496179.319, 3759678.060, 703.00, 3.49, 4.00  
\*\* 496537.606, 3759515.202, 715.82, 3.49, 4.00

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LOCATION	L0007148	VOLUME	496521.661	3759503.472	714.75
LOCATION	L0007149	VOLUME	496513.833	3759507.009	714.23
LOCATION	L0007150	VOLUME	496506.005	3759510.546	713.70
LOCATION	L0007151	VOLUME	496498.177	3759514.083	713.18
LOCATION	L0007152	VOLUME	496490.349	3759517.620	712.66
LOCATION	L0007153	VOLUME	496482.521	3759521.157	712.14
LOCATION	L0007154	VOLUME	496474.693	3759524.694	711.62
LOCATION	L0007155	VOLUME	496466.865	3759528.230	711.13
LOCATION	L0007156	VOLUME	496459.037	3759531.767	710.71
LOCATION	L0007157	VOLUME	496451.209	3759535.304	710.35
LOCATION	L0007158	VOLUME	496443.381	3759538.841	710.19
LOCATION	L0007159	VOLUME	496435.553	3759542.378	710.04
LOCATION	L0007160	VOLUME	496427.725	3759545.915	709.90
LOCATION	L0007161	VOLUME	496419.897	3759549.452	709.76
LOCATION	L0007162	VOLUME	496412.068	3759552.989	709.61
LOCATION	L0007163	VOLUME	496404.240	3759556.526	709.46
LOCATION	L0007164	VOLUME	496396.412	3759560.063	709.20
LOCATION	L0007165	VOLUME	496388.584	3759563.600	708.94
LOCATION	L0007166	VOLUME	496380.756	3759567.137	708.68
LOCATION	L0007167	VOLUME	496372.928	3759570.674	708.42
LOCATION	L0007168	VOLUME	496365.100	3759574.210	708.16
LOCATION	L0007169	VOLUME	496357.272	3759577.747	707.89
LOCATION	L0007170	VOLUME	496349.444	3759581.284	707.63
LOCATION	L0007171	VOLUME	496341.616	3759584.821	707.37
LOCATION	L0007172	VOLUME	496333.788	3759588.358	707.11
LOCATION	L0007173	VOLUME	496325.960	3759591.895	706.73
LOCATION	L0007174	VOLUME	496318.132	3759595.432	706.31
LOCATION	L0007175	VOLUME	496310.304	3759598.969	705.94
LOCATION	L0007176	VOLUME	496302.476	3759602.506	705.64
LOCATION	L0007177	VOLUME	496294.648	3759606.043	705.28
LOCATION	L0007178	VOLUME	496286.820	3759609.580	704.87
LOCATION	L0007179	VOLUME	496278.992	3759613.117	704.47
LOCATION	L0007180	VOLUME	496271.164	3759616.654	704.06
LOCATION	L0007181	VOLUME	496263.336	3759620.190	703.90
LOCATION	L0007182	VOLUME	496255.508	3759623.727	703.75
LOCATION	L0007183	VOLUME	496247.680	3759627.264	703.61
LOCATION	L0007184	VOLUME	496239.852	3759630.801	703.48
LOCATION	L0007185	VOLUME	496232.023	3759634.338	703.44
LOCATION	L0007186	VOLUME	496224.195	3759637.875	703.33
LOCATION	L0007187	VOLUME	496216.367	3759641.412	703.17
LOCATION	L0007188	VOLUME	496208.539	3759644.949	702.94
LOCATION	L0007189	VOLUME	496200.711	3759648.486	702.75
LOCATION	L0007190	VOLUME	496192.883	3759652.023	702.61
LOCATION	L0007191	VOLUME	496185.055	3759655.560	702.47
LOCATION	L0007192	VOLUME	496177.227	3759659.097	702.43
LOCATION	L0007193	VOLUME	496173.501	3759664.243	702.60
LOCATION	L0007194	VOLUME	496176.835	3759672.160	702.87
LOCATION	L0007195	VOLUME	496181.311	3759677.154	703.06
LOCATION	L0007196	VOLUME	496189.131	3759673.599	703.20
LOCATION	L0007197	VOLUME	496196.951	3759670.045	703.35
LOCATION	L0007198	VOLUME	496204.772	3759666.490	703.49
LOCATION	L0007199	VOLUME	496212.592	3759662.936	703.59
LOCATION	L0007200	VOLUME	496220.412	3759659.381	703.63
LOCATION	L0007201	VOLUME	496228.232	3759655.826	703.72
LOCATION	L0007202	VOLUME	496236.052	3759652.272	703.88
LOCATION	L0007203	VOLUME	496243.872	3759648.717	704.11
LOCATION	L0007204	VOLUME	496251.692	3759645.163	704.34

LOCATION	VOLUME				
L0007205	496259.512	3759641.608	704.48		
L0007206	496267.332	3759638.054	704.63		
L0007207	496275.152	3759634.499	704.83		
L0007208	496282.972	3759630.944	705.12		
L0007209	496290.792	3759627.390	705.48		
L0007210	496298.612	3759623.835	705.89		
L0007211	496306.432	3759620.281	706.20		
L0007212	496314.252	3759616.726	706.46		
L0007213	496322.072	3759613.172	706.69		
L0007214	496329.892	3759609.617	706.98		
L0007215	496337.712	3759606.062	707.24		
L0007216	496345.532	3759602.508	707.50		
L0007217	496353.352	3759598.953	707.76		
L0007218	496361.172	3759595.399	708.03		
L0007219	496368.993	3759591.844	708.34		
L0007220	496376.813	3759588.290	708.58		
L0007221	496384.633	3759584.735	708.81		
L0007222	496392.453	3759581.181	709.07		
L0007223	496400.273	3759577.626	709.33		
L0007224	496408.093	3759574.071	709.59		
L0007225	496415.913	3759570.517	709.85		
L0007226	496423.733	3759566.962	710.11		
L0007227	496431.553	3759563.408	710.37		
L0007228	496439.373	3759559.853	710.63		
L0007229	496447.193	3759556.299	710.89		
L0007230	496455.013	3759552.744	711.06		
L0007231	496462.833	3759549.189	711.28		
L0007232	496470.653	3759545.635	711.56		
L0007233	496478.473	3759542.080	711.90		
L0007234	496486.293	3759538.526	712.39		
L0007235	496494.113	3759534.971	712.91		
L0007236	496501.933	3759531.417	713.43		
L0007237	496509.753	3759527.862	713.95		
L0007238	496517.573	3759524.307	714.48		
L0007239	496525.393	3759520.753	715.00		
L0007240	496533.214	3759517.198	715.52		

\*\* END OF LINE VOLUME SOURCE ID = SLINE43

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\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

\*\* LINE VOLUME SOURCE ID = SLINE44

\*\* DESCRSRC TTP 2 IDLE 129

\*\* PREFIX

\*\* LENGTH OF SIDE = 8.59

\*\* CONFIGURATION = ADJACENT

\*\* EMISSION RATE = 4.136E-06

\*\* VERTICAL DIMENSION = 6.99

\*\* SZINIT = 3.25

\*\* NODES = 2

\*\* 496135.303, 3759635.511, 701.85, 3.49, 4.00

\*\* 496491.243, 3759472.947, 712.25, 3.49, 4.00

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LOCATION	VOLUME				
L0007241	496139.210	3759633.727	701.58		
L0007242	496147.023	3759630.158	701.47		
L0007243	496154.837	3759626.590	701.44		
L0007244	496162.651	3759623.021	701.54		
L0007245	496170.464	3759619.452	701.70		
L0007246	496178.278	3759615.884	701.92		
L0007247	496186.092	3759612.315	702.04		
L0007248	496193.905	3759608.746	702.09		
L0007249	496201.719	3759605.178	702.08		
L0007250	496209.533	3759601.609	702.01		
L0007251	496217.346	3759598.040	701.93		
L0007252	496225.160	3759594.472	701.91		
L0007253	496232.973	3759590.903	701.95		
L0007254	496240.787	3759587.335	702.05		
L0007255	496248.601	3759583.766	702.27		

LOCATION	L0007256	VOLUME	496256.414	3759580.197	702.53
LOCATION	L0007257	VOLUME	496264.228	3759576.629	702.79
LOCATION	L0007258	VOLUME	496272.042	3759573.060	703.11
LOCATION	L0007259	VOLUME	496279.855	3759569.491	703.63
LOCATION	L0007260	VOLUME	496287.669	3759565.923	704.15
LOCATION	L0007261	VOLUME	496295.483	3759562.354	704.67
LOCATION	L0007262	VOLUME	496303.296	3759558.785	705.19
LOCATION	L0007263	VOLUME	496311.110	3759555.217	705.70
LOCATION	L0007264	VOLUME	496318.923	3759551.648	706.14
LOCATION	L0007265	VOLUME	496326.737	3759548.080	706.52
LOCATION	L0007266	VOLUME	496334.551	3759544.511	706.75
LOCATION	L0007267	VOLUME	496342.364	3759540.942	706.89
LOCATION	L0007268	VOLUME	496350.178	3759537.374	707.03
LOCATION	L0007269	VOLUME	496357.992	3759533.805	707.17
LOCATION	L0007270	VOLUME	496365.805	3759530.236	707.31
LOCATION	L0007271	VOLUME	496373.619	3759526.668	707.46
LOCATION	L0007272	VOLUME	496381.433	3759523.099	707.63
LOCATION	L0007273	VOLUME	496389.246	3759519.530	707.75
LOCATION	L0007274	VOLUME	496397.060	3759515.962	707.88
LOCATION	L0007275	VOLUME	496404.873	3759512.393	708.02
LOCATION	L0007276	VOLUME	496412.687	3759508.825	708.16
LOCATION	L0007277	VOLUME	496420.501	3759505.256	708.31
LOCATION	L0007278	VOLUME	496428.314	3759501.687	708.66
LOCATION	L0007279	VOLUME	496436.128	3759498.119	709.08
LOCATION	L0007280	VOLUME	496443.942	3759494.550	709.51
LOCATION	L0007281	VOLUME	496451.755	3759490.981	709.92
LOCATION	L0007282	VOLUME	496459.569	3759487.413	710.41
LOCATION	L0007283	VOLUME	496467.383	3759483.844	710.95
LOCATION	L0007284	VOLUME	496475.196	3759480.275	711.56
LOCATION	L0007285	VOLUME	496483.010	3759476.707	712.17
LOCATION	L0007286	VOLUME	496490.824	3759473.138	712.69

\*\* END OF LINE VOLUME SOURCE ID = SLINE44

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\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

\*\* LINE VOLUME SOURCE ID = SLINE45

\*\* DESCRSRC TTP 2 IDLE 16

\*\* PREFIX

\*\* LENGTH OF SIDE = 8.59

\*\* CONFIGURATION = ADJACENT

\*\* EMISSION RATE = 5.13E-07

\*\* VERTICAL DIMENSION = 6.99

\*\* SZINIT = 3.25

\*\* NODES = 2

\*\* 496151.735, 3759693.025, 703.68, 3.49, 4.00

\*\* 496132.075, 3759649.009, 701.98, 3.49, 4.00

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LOCATION	L0007287	VOLUME	496149.984	3759689.103	703.44
LOCATION	L0007288	VOLUME	496146.481	3759681.260	703.28
LOCATION	L0007289	VOLUME	496142.977	3759673.417	703.13
LOCATION	L0007290	VOLUME	496139.474	3759665.574	702.88
LOCATION	L0007291	VOLUME	496135.971	3759657.731	702.57
LOCATION	L0007292	VOLUME	496132.467	3759649.888	702.20

\*\* END OF LINE VOLUME SOURCE ID = SLINE45

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\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

\*\* LINE VOLUME SOURCE ID = SLINE46

\*\* DESCRSRC TTP 2 IDLE 83

\*\* PREFIX

\*\* LENGTH OF SIDE = 8.59

\*\* CONFIGURATION = ADJACENT

\*\* EMISSION RATE = 2.661E-06

\*\* VERTICAL DIMENSION = 6.99

\*\* SZINIT = 3.25

\*\* NODES = 2

\*\* 496175.504, 3759722.956, 704.68, 3.49, 4.00

\*\* 496456.911, 3759590.615, 711.14, 3.49, 4.00

```

** -----
LOCATION L0007293      VOLUME  496179.391 3759721.128 704.50
LOCATION L0007294      VOLUME  496187.164 3759717.472 704.38
LOCATION L0007295      VOLUME  496194.937 3759713.816 704.25
LOCATION L0007296      VOLUME  496202.711 3759710.161 704.13
LOCATION L0007297      VOLUME  496210.484 3759706.505 704.01
LOCATION L0007298      VOLUME  496218.257 3759702.850 704.23
LOCATION L0007299      VOLUME  496226.030 3759699.194 704.40
LOCATION L0007300      VOLUME  496233.804 3759695.538 704.50
LOCATION L0007301      VOLUME  496241.577 3759691.883 704.54
LOCATION L0007302      VOLUME  496249.350 3759688.227 704.58
LOCATION L0007303      VOLUME  496257.124 3759684.571 704.68
LOCATION L0007304      VOLUME  496264.897 3759680.916 704.84
LOCATION L0007305      VOLUME  496272.670 3759677.260 705.00
LOCATION L0007306      VOLUME  496280.444 3759673.604 705.03
LOCATION L0007307      VOLUME  496288.217 3759669.949 705.12
LOCATION L0007308      VOLUME  496295.990 3759666.293 705.28
LOCATION L0007309      VOLUME  496303.764 3759662.637 705.62
LOCATION L0007310      VOLUME  496311.537 3759658.982 706.10
LOCATION L0007311      VOLUME  496319.310 3759655.326 706.52
LOCATION L0007312      VOLUME  496327.084 3759651.671 706.87
LOCATION L0007313      VOLUME  496334.857 3759648.015 707.29
LOCATION L0007314      VOLUME  496342.630 3759644.359 707.79
LOCATION L0007315      VOLUME  496350.403 3759640.704 708.21
LOCATION L0007316      VOLUME  496358.177 3759637.048 708.57
LOCATION L0007317      VOLUME  496365.950 3759633.392 708.84
LOCATION L0007318      VOLUME  496373.723 3759629.737 709.14
LOCATION L0007319      VOLUME  496381.497 3759626.081 709.50
LOCATION L0007320      VOLUME  496389.270 3759622.425 709.93
LOCATION L0007321      VOLUME  496397.043 3759618.770 710.22
LOCATION L0007322      VOLUME  496404.817 3759615.114 710.44
LOCATION L0007323      VOLUME  496412.590 3759611.458 710.58
LOCATION L0007324      VOLUME  496420.363 3759607.803 710.72
LOCATION L0007325      VOLUME  496428.137 3759604.147 710.86
LOCATION L0007326      VOLUME  496435.910 3759600.491 710.99
LOCATION L0007327      VOLUME  496443.683 3759596.836 711.13
LOCATION L0007328      VOLUME  496451.456 3759593.180 711.29

```

\*\* END OF LINE VOLUME SOURCE ID = SLINE46

\*\* -----  
\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

\*\* LINE VOLUME SOURCE ID = SLINE47

\*\* DESCRSRC TTP 2 IDLE 62

\*\* PREFIX

\*\* LENGTH OF SIDE = 8.59

\*\* CONFIGURATION = ADJACENT

\*\* EMISSION RATE = 1.988E-06

\*\* VERTICAL DIMENSION = 6.99

\*\* SZINIT = 3.25

\*\* NODES = 4

\*\* 496427.273, 3759358.761, 706.07, 3.49, 4.00

\*\* 496341.619, 3759397.772, 704.13, 3.49, 4.00

\*\* 496348.192, 3759413.249, 704.48, 3.49, 4.00

\*\* 496433.210, 3759374.239, 707.21, 3.49, 4.00

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** -----
LOCATION L0007329      VOLUME  496423.365 3759360.542 706.53
LOCATION L0007330      VOLUME  496415.547 3759364.102 706.60
LOCATION L0007331      VOLUME  496407.730 3759367.662 706.72
LOCATION L0007332      VOLUME  496399.913 3759371.223 706.83
LOCATION L0007333      VOLUME  496392.095 3759374.783 706.95
LOCATION L0007334      VOLUME  496384.278 3759378.344 706.59
LOCATION L0007335      VOLUME  496376.460 3759381.904 706.07
LOCATION L0007336      VOLUME  496368.643 3759385.464 705.55
LOCATION L0007337      VOLUME  496360.826 3759389.025 705.03
LOCATION L0007338      VOLUME  496353.008 3759392.585 704.75
LOCATION L0007339      VOLUME  496345.191 3759396.146 704.49
LOCATION L0007340      VOLUME  496343.443 3759402.067 704.43

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LOCATION L0007341	VOLUME	496346.800	3759409.973	704.55
LOCATION L0007342	VOLUME	496352.764	3759411.151	704.74
LOCATION L0007343	VOLUME	496360.571	3759407.569	705.01
LOCATION L0007344	VOLUME	496368.379	3759403.987	705.53
LOCATION L0007345	VOLUME	496376.186	3759400.404	706.05
LOCATION L0007346	VOLUME	496383.993	3759396.822	706.57
LOCATION L0007347	VOLUME	496391.800	3759393.239	707.05
LOCATION L0007348	VOLUME	496399.608	3759389.657	707.27
LOCATION L0007349	VOLUME	496407.415	3759386.075	707.37
LOCATION L0007350	VOLUME	496415.222	3759382.492	707.35
LOCATION L0007351	VOLUME	496423.030	3759378.910	707.26
LOCATION L0007352	VOLUME	496430.837	3759375.327	707.31

\*\* END OF LINE VOLUME SOURCE ID = SLINE47

\*\* -----

\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

\*\* LINE VOLUME SOURCE ID = SLINE48

\*\* DESCRSRC TTP 2 IDLE 26

\*\* PREFIX

\*\* LENGTH OF SIDE = 8.59

\*\* CONFIGURATION = ADJACENT

\*\* EMISSION RATE = 8.336E-07

\*\* VERTICAL DIMENSION = 6.99

\*\* SZINIT = 3.25

\*\* NODES = 2

\*\* 496344.178, 3759425.692, 704.27, 3.49, 4.00

\*\* 496376.040, 3759497.688, 706.79, 3.49, 4.00

\*\* -----

LOCATION L0007353	VOLUME	496345.916	3759429.620	704.52
LOCATION L0007354	VOLUME	496349.392	3759437.475	704.65
LOCATION L0007355	VOLUME	496352.869	3759445.330	704.82
LOCATION L0007356	VOLUME	496356.345	3759453.185	704.94
LOCATION L0007357	VOLUME	496359.821	3759461.040	705.00
LOCATION L0007358	VOLUME	496363.298	3759468.895	705.27
LOCATION L0007359	VOLUME	496366.774	3759476.750	705.84
LOCATION L0007360	VOLUME	496370.250	3759484.606	706.35
LOCATION L0007361	VOLUME	496373.727	3759492.461	706.81

\*\* END OF LINE VOLUME SOURCE ID = SLINE48

\*\* -----

\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

\*\* LINE VOLUME SOURCE ID = SLINE49

\*\* DESCRSRC TTP 2 IDLE 32

\*\* PREFIX

\*\* LENGTH OF SIDE = 8.59

\*\* CONFIGURATION = ADJACENT

\*\* EMISSION RATE = 1.026E-06

\*\* VERTICAL DIMENSION = 6.99

\*\* SZINIT = 3.25

\*\* NODES = 2

\*\* 496388.907, 3759501.517, 707.00, 3.49, 4.00

\*\* 496477.600, 3759462.150, 711.93, 3.49, 4.00

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LOCATION L0007362	VOLUME	496392.833	3759499.775	707.20
LOCATION L0007363	VOLUME	496400.684	3759496.290	707.35
LOCATION L0007364	VOLUME	496408.536	3759492.805	707.49
LOCATION L0007365	VOLUME	496416.387	3759489.320	707.64
LOCATION L0007366	VOLUME	496424.238	3759485.835	707.91
LOCATION L0007367	VOLUME	496432.090	3759482.350	708.32
LOCATION L0007368	VOLUME	496439.941	3759478.865	708.72
LOCATION L0007369	VOLUME	496447.792	3759475.380	709.13
LOCATION L0007370	VOLUME	496455.643	3759471.895	709.68
LOCATION L0007371	VOLUME	496463.495	3759468.410	710.35
LOCATION L0007372	VOLUME	496471.346	3759464.925	711.06

\*\* END OF LINE VOLUME SOURCE ID = SLINE49

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\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

\*\* LINE VOLUME SOURCE ID = SLINE50

\*\* DESCRSRC TTP 2 IDLE 64  
\*\* PREFIX  
\*\* LENGTH OF SIDE = 8.59  
\*\* CONFIGURATION = ADJACENT  
\*\* EMISSION RATE = 2.052E-06  
\*\* VERTICAL DIMENSION = 6.99  
\*\* SZINIT = 3.25  
\*\* NODES = 6  
\*\* 496586.820, 3759525.720, 716.69, 3.49, 4.00  
\*\* 496570.582, 3759493.092, 718.00, 3.49, 4.00  
\*\* 496566.753, 3759488.037, 718.01, 3.49, 4.00  
\*\* 496458.912, 3759403.174, 709.06, 3.49, 4.00  
\*\* 496453.857, 3759398.579, 708.97, 3.49, 4.00  
\*\* 496445.279, 3759378.052, 707.88, 3.49, 4.00

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LOCATION L0007373 VOLUME 496584.906 3759521.875 716.77  
LOCATION L0007374 VOLUME 496581.079 3759514.185 717.15  
LOCATION L0007375 VOLUME 496577.252 3759506.495 717.54  
LOCATION L0007376 VOLUME 496573.425 3759498.804 717.92  
LOCATION L0007377 VOLUME 496569.248 3759491.331 718.08  
LOCATION L0007378 VOLUME 496563.249 3759485.280 717.88  
LOCATION L0007379 VOLUME 496556.499 3759479.968 717.61  
LOCATION L0007380 VOLUME 496549.748 3759474.656 717.34  
LOCATION L0007381 VOLUME 496542.998 3759469.344 717.06  
LOCATION L0007382 VOLUME 496536.247 3759464.032 716.66  
LOCATION L0007383 VOLUME 496529.497 3759458.720 716.24  
LOCATION L0007384 VOLUME 496522.746 3759453.407 715.91  
LOCATION L0007385 VOLUME 496515.996 3759448.095 715.65  
LOCATION L0007386 VOLUME 496509.245 3759442.783 715.39  
LOCATION L0007387 VOLUME 496502.495 3759437.471 714.62  
LOCATION L0007388 VOLUME 496495.744 3759432.159 713.42  
LOCATION L0007389 VOLUME 496488.994 3759426.847 712.11  
LOCATION L0007390 VOLUME 496482.243 3759421.534 710.81  
LOCATION L0007391 VOLUME 496475.493 3759416.222 710.11  
LOCATION L0007392 VOLUME 496468.742 3759410.910 709.71  
LOCATION L0007393 VOLUME 496461.992 3759405.598 709.35  
LOCATION L0007394 VOLUME 496455.456 3759400.032 708.89  
LOCATION L0007395 VOLUME 496451.378 3759392.647 708.55  
LOCATION L0007396 VOLUME 496448.066 3759384.721 708.23

\*\* END OF LINE VOLUME SOURCE ID = SLINE50

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\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

\*\* LINE VOLUME SOURCE ID = SLINE51

\*\* DESCRSRC TTP 2 IDLE 38  
\*\* PREFIX  
\*\* LENGTH OF SIDE = 8.59  
\*\* CONFIGURATION = ADJACENT  
\*\* EMISSION RATE = 1.218E-06  
\*\* VERTICAL DIMENSION = 6.99  
\*\* SZINIT = 3.25  
\*\* NODES = 4

\*\* 496437.619, 3759418.186, 708.72, 3.49, 4.00  
\*\* 496385.537, 3759442.236, 706.89, 3.49, 4.00  
\*\* 496392.430, 3759457.860, 706.14, 3.49, 4.00  
\*\* 496444.513, 3759433.198, 708.99, 3.49, 4.00

-----  
LOCATION L0007397 VOLUME 496433.720 3759419.987 708.74  
LOCATION L0007398 VOLUME 496425.921 3759423.588 708.53  
LOCATION L0007399 VOLUME 496418.123 3759427.189 708.20  
LOCATION L0007400 VOLUME 496410.324 3759430.790 707.78  
LOCATION L0007401 VOLUME 496402.525 3759434.391 707.43  
LOCATION L0007402 VOLUME 496394.727 3759437.992 707.08  
LOCATION L0007403 VOLUME 496386.928 3759441.594 706.61  
LOCATION L0007404 VOLUME 496388.386 3759448.693 706.47  
LOCATION L0007405 VOLUME 496391.854 3759456.553 706.37  
LOCATION L0007406 VOLUME 496398.902 3759454.796 706.66



LOCATION	L0007407	VOLUME	496406.666	3759451.120	707.04
LOCATION	L0007408	VOLUME	496414.429	3759447.443	707.42
LOCATION	L0007409	VOLUME	496422.193	3759443.767	707.82
LOCATION	L0007410	VOLUME	496429.956	3759440.091	708.23
LOCATION	L0007411	VOLUME	496437.720	3759436.414	708.57

\*\* END OF LINE VOLUME SOURCE ID = SLINE51

\*\* SOURCE PARAMETERS \*\*

\*\* LINE VOLUME SOURCE ID = SLINE4

SRCPARAM	L0005414	0.0000003356	3.49	4.00	3.25
SRCPARAM	L0005415	0.0000003356	3.49	4.00	3.25
SRCPARAM	L0005416	0.0000003356	3.49	4.00	3.25
SRCPARAM	L0005417	0.0000003356	3.49	4.00	3.25
SRCPARAM	L0005418	0.0000003356	3.49	4.00	3.25
SRCPARAM	L0005419	0.0000003356	3.49	4.00	3.25
SRCPARAM	L0005420	0.0000003356	3.49	4.00	3.25
SRCPARAM	L0005421	0.0000003356	3.49	4.00	3.25
SRCPARAM	L0005422	0.0000003356	3.49	4.00	3.25
SRCPARAM	L0005423	0.0000003356	3.49	4.00	3.25
SRCPARAM	L0005424	0.0000003356	3.49	4.00	3.25
SRCPARAM	L0005425	0.0000003356	3.49	4.00	3.25
SRCPARAM	L0005426	0.0000003356	3.49	4.00	3.25
SRCPARAM	L0005427	0.0000003356	3.49	4.00	3.25
SRCPARAM	L0005428	0.0000003356	3.49	4.00	3.25
SRCPARAM	L0005429	0.0000003356	3.49	4.00	3.25
SRCPARAM	L0005430	0.0000003356	3.49	4.00	3.25
SRCPARAM	L0005431	0.0000003356	3.49	4.00	3.25
SRCPARAM	L0005432	0.0000003356	3.49	4.00	3.25
SRCPARAM	L0005433	0.0000003356	3.49	4.00	3.25
SRCPARAM	L0005434	0.0000003356	3.49	4.00	3.25
SRCPARAM	L0005435	0.0000003356	3.49	4.00	3.25
SRCPARAM	L0005436	0.0000003356	3.49	4.00	3.25
SRCPARAM	L0005437	0.0000003356	3.49	4.00	3.25
SRCPARAM	L0005438	0.0000003356	3.49	4.00	3.25
SRCPARAM	L0005439	0.0000003356	3.49	4.00	3.25
SRCPARAM	L0005440	0.0000003356	3.49	4.00	3.25
SRCPARAM	L0005441	0.0000003356	3.49	4.00	3.25

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\*\* LINE VOLUME SOURCE ID = SLINE5

SRCPARAM	L0005442	0.0000003758	3.49	4.00	3.25
SRCPARAM	L0005443	0.0000003758	3.49	4.00	3.25
SRCPARAM	L0005444	0.0000003758	3.49	4.00	3.25
SRCPARAM	L0005445	0.0000003758	3.49	4.00	3.25
SRCPARAM	L0005446	0.0000003758	3.49	4.00	3.25
SRCPARAM	L0005447	0.0000003758	3.49	4.00	3.25
SRCPARAM	L0005448	0.0000003758	3.49	4.00	3.25
SRCPARAM	L0005449	0.0000003758	3.49	4.00	3.25
SRCPARAM	L0005450	0.0000003758	3.49	4.00	3.25
SRCPARAM	L0005451	0.0000003758	3.49	4.00	3.25
SRCPARAM	L0005452	0.0000003758	3.49	4.00	3.25
SRCPARAM	L0005453	0.0000003758	3.49	4.00	3.25
SRCPARAM	L0005454	0.0000003758	3.49	4.00	3.25
SRCPARAM	L0005455	0.0000003758	3.49	4.00	3.25
SRCPARAM	L0005456	0.0000003758	3.49	4.00	3.25
SRCPARAM	L0005457	0.0000003758	3.49	4.00	3.25
SRCPARAM	L0005458	0.0000003758	3.49	4.00	3.25
SRCPARAM	L0005459	0.0000003758	3.49	4.00	3.25
SRCPARAM	L0005460	0.0000003758	3.49	4.00	3.25
SRCPARAM	L0005461	0.0000003758	3.49	4.00	3.25
SRCPARAM	L0005462	0.0000003758	3.49	4.00	3.25
SRCPARAM	L0005463	0.0000003758	3.49	4.00	3.25
SRCPARAM	L0005464	0.0000003758	3.49	4.00	3.25
SRCPARAM	L0005465	0.0000003758	3.49	4.00	3.25
SRCPARAM	L0005466	0.0000003758	3.49	4.00	3.25

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\*\* LINE VOLUME SOURCE ID = SLINE6

SRCPARAM	L0005467	0.0000006643	3.49	4.00	3.25
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SRCPARAM	L0007364	0.00000009327	3.49	4.00	3.25
SRCPARAM	L0007365	0.00000009327	3.49	4.00	3.25
SRCPARAM	L0007366	0.00000009327	3.49	4.00	3.25
SRCPARAM	L0007367	0.00000009327	3.49	4.00	3.25
SRCPARAM	L0007368	0.00000009327	3.49	4.00	3.25
SRCPARAM	L0007369	0.00000009327	3.49	4.00	3.25
SRCPARAM	L0007370	0.00000009327	3.49	4.00	3.25
SRCPARAM	L0007371	0.00000009327	3.49	4.00	3.25
SRCPARAM	L0007372	0.00000009327	3.49	4.00	3.25

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\*\* LINE VOLUME SOURCE ID = SLINE50

SRCPARAM	L0007373	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0007374	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0007375	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0007376	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0007377	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0007378	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0007379	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0007380	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0007381	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0007382	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0007383	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0007384	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0007385	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0007386	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0007387	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0007388	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0007389	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0007390	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0007391	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0007392	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0007393	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0007394	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0007395	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0007396	0.0000000855	3.49	4.00	3.25

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\*\* LINE VOLUME SOURCE ID = SLINE51

SRCPARAM	L0007397	0.0000000812	3.49	4.00	3.25
SRCPARAM	L0007398	0.0000000812	3.49	4.00	3.25
SRCPARAM	L0007399	0.0000000812	3.49	4.00	3.25
SRCPARAM	L0007400	0.0000000812	3.49	4.00	3.25
SRCPARAM	L0007401	0.0000000812	3.49	4.00	3.25
SRCPARAM	L0007402	0.0000000812	3.49	4.00	3.25
SRCPARAM	L0007403	0.0000000812	3.49	4.00	3.25
SRCPARAM	L0007404	0.0000000812	3.49	4.00	3.25
SRCPARAM	L0007405	0.0000000812	3.49	4.00	3.25
SRCPARAM	L0007406	0.0000000812	3.49	4.00	3.25
SRCPARAM	L0007407	0.0000000812	3.49	4.00	3.25
SRCPARAM	L0007408	0.0000000812	3.49	4.00	3.25
SRCPARAM	L0007409	0.0000000812	3.49	4.00	3.25
SRCPARAM	L0007410	0.0000000812	3.49	4.00	3.25
SRCPARAM	L0007411	0.0000000812	3.49	4.00	3.25

\*\* -----

URBANSRC ALL  
SRCGROUP ALL

SO FINISHED

\*\*  
\*\*\*\*\*

\*\* AERMOD RECEPTOR PATHWAY

\*\*\*\*\*

\*\*  
\*\*

RE STARTING  
INCLUDED "13594 OPS SCENARIO 1,3.ROU"

RE FINISHED

\*\*

\*\*\*\*\*

\*\* AERMOD METEOROLOGY PATHWAY

\*\*\*\*\*

\*\*

\*\*

ME STARTING

SURFFILE RDL\_D\_V9\_ADJU\RDL\_D\_V9.SFC

PROFFILE RDL\_D\_V9\_ADJU\RDL\_D\_V9.PFL

SURFDATA 3171 2012

UAIRDATA 3190 2012

SITEDATA 99999 2012

PROFBASE 481.0 METERS

ME FINISHED

\*\*

\*\*\*\*\*

\*\* AERMOD OUTPUT PATHWAY

\*\*\*\*\*

\*\*

\*\*

OU STARTING

\*\* AUTO-GENERATED PLOTFILES

PLOTFILE PERIOD ALL "13594 OPS SCENARIO 1,3.AD\PE00GALL.PLT" 31

SUMMFILE "13594 OPS SCENARIO 1,3.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	6083	MEOpen: THRESH_1MIN 1-min ASOS wind speed threshold used	0.50
ME W187	6083	MEOpen: ADJ_U* Option for Stable Low Winds used in AERMET	

\*\*\*\*\*

\*\*\* SETUP Finishes Successfully \*\*\*

\*\*\*\*\*

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK VALLEY\13594 OPS\1359 \*\*\* 07/19/23

\*\*\* AERMET - VERSION 16216 \*\*\*

\*\*\*

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13:08:23

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 2460 Source(s),  
for Total of 1 Urban Area(s):  
Urban Population = 2189641.0 ; Urban Roughness Length = 1.000 m  
\* Urban Roughness Length of 1.0 Meter Used.  
\* ADJ\_U\* - Use ADJ\_U\* option for SBL in AERMET  
\* 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: 2460 Source(s); 1 Source Group(s); and 125 Receptor(s)  
with: 0 POINT(s), including  
0 POINTCAP(s) and 0 POINTHOR(s)  
and: 2460 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) = 481.00 ; 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 = 4.5 MB of RAM.

\*\*Input Runstream File:

aermod.inp

\*\*Output Print File:

aermod.out

\*\*Detailed Error/Message File: 13594 OPS SCENARIO

1,3.ERR

\*\*File for Summary of Results: 13594 OPS SCENARIO

1,3.SUM

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L0005463	0	0.37580E-06	496239.0	3759423.9	699.5	3.49	4.00	3.25
YES								
L0005464	0	0.37580E-06	496246.9	3759420.5	699.8	3.49	4.00	3.25
YES								
L0005465	0	0.37580E-06	496254.8	3759417.2	700.1	3.49	4.00	3.25
YES								
L0005466	0	0.37580E-06	496262.7	3759413.8	700.5	3.49	4.00	3.25
YES								
L0005467	0	0.66430E-06	496024.8	3759431.5	694.2	3.49	4.00	3.25
YES								
L0005468	0	0.66430E-06	496032.7	3759428.1	694.0	3.49	4.00	3.25
YES								
L0005469	0	0.66430E-06	496040.5	3759424.7	694.0	3.49	4.00	3.25
YES								
L0005470	0	0.66430E-06	496048.4	3759421.3	694.0	3.49	4.00	3.25
YES								
L0005471	0	0.66430E-06	496056.3	3759417.8	694.0	3.49	4.00	3.25
YES								
L0005472	0	0.66430E-06	496064.2	3759414.4	694.0	3.49	4.00	3.25
YES								
L0005473	0	0.66430E-06	496072.0	3759411.0	694.1	3.49	4.00	3.25
YES								
L0005474	0	0.66430E-06	496079.9	3759407.5	694.0	3.49	4.00	3.25
YES								
L0005475	0	0.66430E-06	496087.8	3759404.1	694.0	3.49	4.00	3.25
YES								
L0005476	0	0.66430E-06	496095.7	3759400.7	694.1	3.49	4.00	3.25
YES								
L0005477	0	0.66430E-06	496103.5	3759397.2	694.3	3.49	4.00	3.25
YES								
L0005478	0	0.66430E-06	496111.4	3759393.8	694.4	3.49	4.00	3.25
YES								
L0005479	0	0.66430E-06	496119.3	3759390.4	694.5	3.49	4.00	3.25
YES								
L0005480	0	0.66430E-06	496127.2	3759386.9	694.6	3.49	4.00	3.25
YES								
L0005481	0	0.66430E-06	496135.0	3759383.5	694.7	3.49	4.00	3.25
YES								
L0005482	0	0.66430E-06	496142.9	3759380.1	694.9	3.49	4.00	3.25
YES								
L0005483	0	0.66430E-06	496150.8	3759376.6	695.0	3.49	4.00	3.25
YES								
L0005484	0	0.66430E-06	496158.7	3759373.2	695.2	3.49	4.00	3.25
YES								
L0005485	0	0.66430E-06	496166.5	3759369.8	695.4	3.49	4.00	3.25
YES								
L0005486	0	0.66430E-06	496174.4	3759366.4	695.7	3.49	4.00	3.25
YES								
L0005487	0	0.66430E-06	496182.3	3759362.9	696.1	3.49	4.00	3.25
YES								
L0005488	0	0.66430E-06	496190.2	3759359.5	696.5	3.49	4.00	3.25
YES								
L0005489	0	0.66430E-06	496198.1	3759356.1	696.8	3.49	4.00	3.25
YES								
L0005490	0	0.66430E-06	496205.9	3759352.6	697.0	3.49	4.00	3.25
YES								
L0005491	0	0.66430E-06	496213.8	3759349.2	697.3	3.49	4.00	3.25
YES								
L0005492	0	0.66430E-06	496221.7	3759345.8	697.8	3.49	4.00	3.25
YES								
L0005493	0	0.66430E-06	496229.6	3759342.3	698.4	3.49	4.00	3.25
YES								

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L0005542	0	0.44900E-06	496012.2	3759600.1	706.2	3.49	4.00	3.25
YES								
L0005543	0	0.44900E-06	496008.7	3759592.3	706.2	3.49	4.00	3.25
YES								
L0005544	0	0.44900E-06	496005.2	3759584.4	706.0	3.49	4.00	3.25
YES								
L0005545	0	0.44900E-06	496001.8	3759576.6	705.4	3.49	4.00	3.25
YES								
L0005546	0	0.44900E-06	495998.3	3759568.7	704.8	3.49	4.00	3.25
YES								
L0005547	0	0.44900E-06	495994.8	3759560.9	704.4	3.49	4.00	3.25
YES								
L0005548	0	0.44900E-06	495991.3	3759553.0	703.8	3.49	4.00	3.25
YES								
L0005549	0	0.44900E-06	495987.9	3759545.1	703.0	3.49	4.00	3.25
YES								
L0005550	0	0.44900E-06	495984.4	3759537.3	702.4	3.49	4.00	3.25
YES								
L0005551	0	0.44900E-06	495980.9	3759529.4	702.2	3.49	4.00	3.25
YES								
L0005552	0	0.44900E-06	495977.4	3759521.6	701.9	3.49	4.00	3.25
YES								
L0005553	0	0.44900E-06	495974.0	3759513.7	701.4	3.49	4.00	3.25
YES								
L0005554	0	0.44900E-06	495970.5	3759505.9	700.6	3.49	4.00	3.25
YES								
L0005555	0	0.44900E-06	495967.0	3759498.0	699.2	3.49	4.00	3.25
YES								
L0005556	0	0.44900E-06	495963.5	3759490.2	698.0	3.49	4.00	3.25
YES								
L0005557	0	0.44900E-06	495960.1	3759482.3	697.0	3.49	4.00	3.25
YES								
L0005558	0	0.11540E-05	495895.4	3759367.3	695.0	3.49	4.00	3.25
YES								
L0005559	0	0.11540E-05	495899.8	3759374.7	695.0	3.49	4.00	3.25
YES								
L0005560	0	0.11540E-05	495904.2	3759382.1	695.0	3.49	4.00	3.25
YES								
L0005561	0	0.11540E-05	495908.9	3759389.2	695.0	3.49	4.00	3.25
YES								
L0005562	0	0.11540E-05	495915.2	3759395.1	694.8	3.49	4.00	3.25
YES								
L0005563	0	0.11540E-05	495921.4	3759401.0	694.6	3.49	4.00	3.25
YES								
L0005564	0	0.11540E-05	495928.4	3759406.0	694.4	3.49	4.00	3.25
YES								
L0005565	0	0.11540E-05	495935.5	3759410.9	694.3	3.49	4.00	3.25
YES								
L0005566	0	0.11540E-05	495942.6	3759415.7	694.3	3.49	4.00	3.25
YES								
L0005567	0	0.11540E-05	495950.3	3759419.5	694.4	3.49	4.00	3.25
YES								
L0005568	0	0.11540E-05	495958.1	3759423.0	694.6	3.49	4.00	3.25
YES								
L0005569	0	0.11540E-05	495965.9	3759426.6	694.7	3.49	4.00	3.25
YES								
L0005570	0	0.11540E-05	495972.9	3759431.4	694.8	3.49	4.00	3.25
YES								
L0005571	0	0.11540E-05	495979.3	3759437.1	695.0	3.49	4.00	3.25
YES								
L0005572	0	0.11540E-05	495985.2	3759443.3	695.0	3.49	4.00	3.25
YES								
L0005573	0	0.11540E-05	495990.1	3759450.4	695.0	3.49	4.00	3.25
YES								











L0007480	0	0.15370E-06	495777.7	3759763.5	703.5	3.49	4.00	3.25
YES								
L0007481	0	0.15370E-06	495769.5	3759761.1	703.1	3.49	4.00	3.25
YES								
L0007482	0	0.15370E-06	495761.2	3759758.6	702.8	3.49	4.00	3.25
YES								
L0007483	0	0.15370E-06	495753.0	3759756.2	702.5	3.49	4.00	3.25
YES								
L0007484	0	0.15370E-06	495744.8	3759753.7	702.3	3.49	4.00	3.25
YES								
L0007485	0	0.15370E-06	495736.5	3759751.3	702.1	3.49	4.00	3.25
YES								
L0007486	0	0.15370E-06	495728.3	3759748.8	702.0	3.49	4.00	3.25
YES								
L0007487	0	0.15370E-06	495720.1	3759746.4	702.0	3.49	4.00	3.25
YES								
L0007488	0	0.42710E-06	496125.6	3759719.3	704.4	3.49	4.00	3.25
YES								
L0007489	0	0.42710E-06	496133.4	3759715.8	704.3	3.49	4.00	3.25
YES								
L0007490	0	0.42710E-06	496141.3	3759712.3	704.2	3.49	4.00	3.25
YES								
L0007491	0	0.42710E-06	496149.1	3759708.9	704.1	3.49	4.00	3.25
YES								
L0007492	0	0.42710E-06	496157.0	3759705.4	704.0	3.49	4.00	3.25
YES								
L0007493	0	0.42710E-06	496164.8	3759701.9	703.9	3.49	4.00	3.25
YES								
L0007494	0	0.42710E-06	496172.7	3759698.4	703.7	3.49	4.00	3.25
YES								
L0007495	0	0.42710E-06	496180.6	3759695.2	703.6	3.49	4.00	3.25
YES								
L0007496	0	0.42710E-06	496188.9	3759692.8	703.7	3.49	4.00	3.25
YES								

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* VOLUME SOURCE DATA \*\*\*

SOURCE	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION	RATE		ELEV.	HEIGHT	SY	SZ
ID	PART.	(GRAMS/SEC)		X	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	SCALAR	BY		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
	CATS.							

L0007497	0	0.42710E-06	496197.2	3759690.5	703.8	3.49	4.00	3.25
YES								
L0007498	0	0.42710E-06	496205.1	3759687.4	703.9	3.49	4.00	3.25
YES								
L0007499	0	0.42710E-06	496213.0	3759683.8	704.0	3.49	4.00	3.25
YES								
L0007500	0	0.42710E-06	496220.8	3759680.3	704.0	3.49	4.00	3.25
YES								
L0007501	0	0.42710E-06	496228.6	3759676.8	704.0	3.49	4.00	3.25
YES								
L0007502	0	0.42710E-06	496236.4	3759673.2	704.0	3.49	4.00	3.25
YES								





L0007559	0	0.42710E-06	496461.1	3759506.4	710.7	3.49	4.00	3.25
YES								
L0007560	0	0.42710E-06	496453.3	3759510.0	710.2	3.49	4.00	3.25
YES								
L0007561	0	0.42710E-06	496445.5	3759513.6	709.8	3.49	4.00	3.25
YES								
L0007562	0	0.42710E-06	496437.7	3759517.2	709.4	3.49	4.00	3.25
YES								
L0007563	0	0.42710E-06	496429.9	3759520.8	709.2	3.49	4.00	3.25
YES								
L0007564	0	0.42710E-06	496422.1	3759524.4	709.0	3.49	4.00	3.25
YES								
L0007565	0	0.42710E-06	496414.4	3759528.0	708.9	3.49	4.00	3.25
YES								
L0007566	0	0.42710E-06	496406.6	3759531.7	708.7	3.49	4.00	3.25
YES								
L0007567	0	0.42710E-06	496398.8	3759535.3	708.6	3.49	4.00	3.25
YES								
L0007568	0	0.42710E-06	496391.0	3759538.9	708.4	3.49	4.00	3.25
YES								
L0007569	0	0.42710E-06	496383.2	3759542.5	708.3	3.49	4.00	3.25
YES								
L0007570	0	0.42710E-06	496375.4	3759546.1	708.2	3.49	4.00	3.25
YES								
L0007571	0	0.42710E-06	496367.6	3759549.7	708.0	3.49	4.00	3.25
YES								
L0007572	0	0.42710E-06	496359.8	3759553.3	707.9	3.49	4.00	3.25
YES								
L0007573	0	0.42710E-06	496352.0	3759557.0	707.7	3.49	4.00	3.25
YES								
L0007574	0	0.42710E-06	496344.2	3759560.6	707.5	3.49	4.00	3.25
YES								
L0007575	0	0.42710E-06	496336.4	3759564.2	707.2	3.49	4.00	3.25
YES								
L0007576	0	0.42710E-06	496328.6	3759567.8	706.9	3.49	4.00	3.25
YES								

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* VOLUME SOURCE DATA \*\*\*

SOURCE	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION RATE	X	Y	ELEV.	HEIGHT	SY	SZ
ID	PART.	(GRAMS/SEC)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	SCALAR VARY	BY						
	CATS.							

L0007577	0	0.42710E-06	496320.8	3759571.4	706.4	3.49	4.00	3.25
YES								
L0007578	0	0.42710E-06	496313.0	3759575.0	705.8	3.49	4.00	3.25
YES								
L0007579	0	0.42710E-06	496305.3	3759578.6	705.3	3.49	4.00	3.25
YES								
L0007580	0	0.42710E-06	496297.5	3759582.3	704.8	3.49	4.00	3.25
YES								
L0007581	0	0.42710E-06	496289.7	3759585.9	704.3	3.49	4.00	3.25
YES								

L0007582 YES	0	0.42710E-06	496281.9	3759589.5	703.9	3.49	4.00	3.25
L0007583 YES	0	0.42710E-06	496274.1	3759593.1	703.5	3.49	4.00	3.25
L0007584 YES	0	0.42710E-06	496266.3	3759596.7	703.2	3.49	4.00	3.25
L0007585 YES	0	0.42710E-06	496258.5	3759600.3	703.1	3.49	4.00	3.25
L0007586 YES	0	0.42710E-06	496250.7	3759603.9	702.9	3.49	4.00	3.25
L0007587 YES	0	0.42710E-06	496242.9	3759607.6	702.8	3.49	4.00	3.25
L0007588 YES	0	0.42710E-06	496235.1	3759611.2	702.8	3.49	4.00	3.25
L0007589 YES	0	0.42710E-06	496227.3	3759614.8	702.9	3.49	4.00	3.25
L0007590 YES	0	0.42710E-06	496219.5	3759618.4	703.0	3.49	4.00	3.25
L0007591 YES	0	0.42710E-06	496211.7	3759622.0	703.0	3.49	4.00	3.25
L0007592 YES	0	0.42710E-06	496204.0	3759625.6	702.8	3.49	4.00	3.25
L0007593 YES	0	0.42710E-06	496196.2	3759629.2	702.5	3.49	4.00	3.25
L0007594 YES	0	0.42710E-06	496188.4	3759632.9	702.3	3.49	4.00	3.25
L0007595 YES	0	0.42710E-06	496180.6	3759636.5	702.0	3.49	4.00	3.25
L0007596 YES	0	0.42710E-06	496172.8	3759640.1	701.9	3.49	4.00	3.25
L0007597 YES	0	0.42710E-06	496165.0	3759643.7	702.0	3.49	4.00	3.25
L0007598 YES	0	0.42710E-06	496157.2	3759647.3	702.0	3.49	4.00	3.25
L0007599 YES	0	0.42710E-06	496154.4	3759652.9	702.2	3.49	4.00	3.25
L0007600 YES	0	0.42710E-06	496157.7	3759660.8	702.5	3.49	4.00	3.25
L0007601 YES	0	0.42710E-06	496161.0	3759668.8	702.8	3.49	4.00	3.25
L0007602 YES	0	0.42710E-06	496164.2	3759676.7	703.0	3.49	4.00	3.25
L0007603 YES	0	0.42710E-06	496167.5	3759684.7	703.3	3.49	4.00	3.25
L0007604 YES	0	0.42710E-06	496170.8	3759692.6	703.5	3.49	4.00	3.25
L0007605 YES	0	0.43160E-06	496514.0	3759469.5	714.3	3.49	4.00	3.25
L0007606 YES	0	0.43160E-06	496506.9	3759464.6	713.8	3.49	4.00	3.25
L0007607 YES	0	0.43160E-06	496499.9	3759459.7	713.5	3.49	4.00	3.25
L0007608 YES	0	0.43160E-06	496492.8	3759454.8	712.9	3.49	4.00	3.25
L0007609 YES	0	0.43160E-06	496485.7	3759449.9	712.1	3.49	4.00	3.25
L0007610 YES	0	0.43160E-06	496478.6	3759445.1	711.2	3.49	4.00	3.25
L0007611 YES	0	0.43160E-06	496471.6	3759440.2	710.5	3.49	4.00	3.25
L0007612 YES	0	0.43160E-06	496463.8	3759443.4	710.0	3.49	4.00	3.25
L0007613 YES	0	0.43160E-06	496456.0	3759447.0	709.4	3.49	4.00	3.25
L0007614 YES	0	0.43160E-06	496448.3	3759450.7	708.9	3.49	4.00	3.25







L0005628 YES	0	0.22700E-06	495816.3	3759598.3	700.3	3.49	4.00	3.25
L0005629 YES	0	0.22700E-06	495819.7	3759606.2	700.6	3.49	4.00	3.25
L0005630 YES	0	0.22700E-06	495823.1	3759614.1	700.9	3.49	4.00	3.25
L0005631 YES	0	0.22700E-06	495826.5	3759622.0	701.0	3.49	4.00	3.25
L0005632 YES	0	0.22700E-06	495829.9	3759629.9	701.1	3.49	4.00	3.25
L0005633 YES	0	0.22700E-06	495833.3	3759637.8	701.3	3.49	4.00	3.25
L0005634 YES	0	0.22700E-06	495836.7	3759645.7	701.5	3.49	4.00	3.25
L0005635 YES	0	0.22700E-06	495840.1	3759653.6	701.7	3.49	4.00	3.25
L0005636 YES	0	0.22700E-06	495843.5	3759661.4	701.8	3.49	4.00	3.25
L0005637 YES	0	0.22700E-06	495846.9	3759669.3	701.9	3.49	4.00	3.25
L0005638 YES	0	0.22700E-06	495850.3	3759677.2	702.0	3.49	4.00	3.25
L0005639 YES	0	0.22700E-06	495853.7	3759685.1	702.4	3.49	4.00	3.25
L0005640 YES	0	0.22700E-06	495857.1	3759693.0	702.7	3.49	4.00	3.25
L0005641 YES	0	0.22700E-06	495859.5	3759700.5	702.9	3.49	4.00	3.25
L0005642 YES	0	0.22700E-06	495851.8	3759704.2	702.9	3.49	4.00	3.25
L0005643 YES	0	0.22700E-06	495844.0	3759707.9	702.8	3.49	4.00	3.25
L0005644 YES	0	0.22700E-06	495836.2	3759711.6	702.7	3.49	4.00	3.25
L0005645 YES	0	0.22700E-06	495828.5	3759715.2	702.6	3.49	4.00	3.25
L0005646 YES	0	0.22700E-06	495820.7	3759718.9	702.4	3.49	4.00	3.25
L0005647 YES	0	0.22700E-06	495813.0	3759722.6	702.5	3.49	4.00	3.25
L0005648 YES	0	0.23610E-06	495766.6	3759448.6	696.4	3.49	4.00	3.25
L0005649 YES	0	0.23610E-06	495770.1	3759456.4	696.7	3.49	4.00	3.25
L0005650 YES	0	0.23610E-06	495773.6	3759464.2	696.9	3.49	4.00	3.25
L0005651 YES	0	0.23610E-06	495777.1	3759472.1	697.2	3.49	4.00	3.25
L0005652 YES	0	0.23610E-06	495780.6	3759479.9	697.5	3.49	4.00	3.25
L0005653 YES	0	0.23610E-06	495786.6	3759485.8	697.7	3.49	4.00	3.25
L0005654 YES	0	0.23610E-06	495793.3	3759491.2	697.8	3.49	4.00	3.25
L0005655 YES	0	0.23610E-06	495798.7	3759497.8	698.0	3.49	4.00	3.25
L0005656 YES	0	0.23610E-06	495803.6	3759504.9	698.2	3.49	4.00	3.25
L0005657 YES	0	0.23610E-06	495808.1	3759512.2	698.6	3.49	4.00	3.25
L0005658 YES	0	0.23610E-06	495812.4	3759519.6	699.1	3.49	4.00	3.25
L0005659 YES	0	0.23610E-06	495816.6	3759527.1	699.8	3.49	4.00	3.25
L0005660 YES	0	0.23610E-06	495820.0	3759535.0	700.0	3.49	4.00	3.25



L0005684	0	0.23610E-06	495903.1	3759720.7	703.9	3.49	4.00	3.25
YES								
L0005685	0	0.23610E-06	495910.9	3759717.2	704.0	3.49	4.00	3.25
YES								
L0005686	0	0.23610E-06	495918.7	3759713.6	704.1	3.49	4.00	3.25
YES								
L0005687	0	0.23610E-06	495926.5	3759710.0	704.1	3.49	4.00	3.25
YES								
L0005688	0	0.23610E-06	495934.3	3759706.4	704.0	3.49	4.00	3.25
YES								
L0005689	0	0.23610E-06	495942.1	3759702.9	703.9	3.49	4.00	3.25
YES								
L0005690	0	0.23610E-06	495949.9	3759699.3	703.8	3.49	4.00	3.25
YES								
L0005691	0	0.23610E-06	495957.8	3759695.7	703.6	3.49	4.00	3.25
YES								
L0005692	0	0.23610E-06	495965.6	3759692.1	703.5	3.49	4.00	3.25
YES								
L0005693	0	0.23610E-06	495973.4	3759688.6	703.4	3.49	4.00	3.25
YES								
L0005694	0	0.23610E-06	495981.2	3759685.0	703.3	3.49	4.00	3.25
YES								
L0005695	0	0.23610E-06	495989.0	3759681.4	703.2	3.49	4.00	3.25
YES								
L0005696	0	0.23610E-06	495996.8	3759677.8	703.1	3.49	4.00	3.25
YES								
L0005697	0	0.23610E-06	496004.6	3759674.3	703.1	3.49	4.00	3.25
YES								
L0005698	0	0.23610E-06	496012.4	3759670.7	703.4	3.49	4.00	3.25
YES								
L0005699	0	0.23610E-06	496020.2	3759667.1	703.7	3.49	4.00	3.25
YES								
L0005700	0	0.23610E-06	496028.0	3759663.5	703.9	3.49	4.00	3.25
YES								
L0005701	0	0.23610E-06	496035.9	3759660.0	704.0	3.49	4.00	3.25
YES								
L0005702	0	0.23610E-06	496043.7	3759656.4	704.0	3.49	4.00	3.25
YES								
L0005703	0	0.23610E-06	496050.6	3759652.5	704.0	3.49	4.00	3.25
YES								

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* VOLUME SOURCE DATA \*\*\*

SOURCE	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION RATE			ELEV.	HEIGHT	SY	SZ
ID	PART.	(GRAMS/SEC)	X	Y	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	SCALAR VARY	BY						
	ID	CATS.						

L0005704	0	0.23610E-06	496047.2	3759644.6	704.1	3.49	4.00	3.25
YES								
L0005705	0	0.23610E-06	496043.8	3759636.8	704.6	3.49	4.00	3.25
YES								
L0005706	0	0.23610E-06	496040.3	3759628.9	705.1	3.49	4.00	3.25
YES								

L0005707 YES	0	0.23610E-06	496036.9	3759621.0	705.7	3.49	4.00	3.25
L0005708 YES	0	0.23610E-06	496033.4	3759613.2	706.1	3.49	4.00	3.25
L0005709 YES	0	0.23610E-06	496030.0	3759605.3	706.4	3.49	4.00	3.25
L0005710 YES	0	0.23610E-06	496026.5	3759597.4	706.5	3.49	4.00	3.25
L0005711 YES	0	0.23610E-06	496023.1	3759589.5	706.7	3.49	4.00	3.25
L0005712 YES	0	0.23610E-06	496019.7	3759581.7	706.3	3.49	4.00	3.25
L0005713 YES	0	0.23610E-06	496016.2	3759573.8	705.7	3.49	4.00	3.25
L0005714 YES	0	0.23610E-06	496012.8	3759565.9	705.1	3.49	4.00	3.25
L0005715 YES	0	0.23610E-06	496009.3	3759558.1	704.4	3.49	4.00	3.25
L0005716 YES	0	0.23610E-06	496005.9	3759550.2	703.0	3.49	4.00	3.25
L0005717 YES	0	0.23610E-06	496002.4	3759542.3	701.3	3.49	4.00	3.25
L0005718 YES	0	0.23610E-06	495999.0	3759534.5	699.9	3.49	4.00	3.25
L0005719 YES	0	0.23610E-06	495995.6	3759526.6	699.0	3.49	4.00	3.25
L0005720 YES	0	0.23610E-06	495992.1	3759518.7	699.0	3.49	4.00	3.25
L0005721 YES	0	0.23610E-06	495988.7	3759510.8	698.7	3.49	4.00	3.25
L0005722 YES	0	0.23610E-06	495985.2	3759503.0	698.3	3.49	4.00	3.25
L0005723 YES	0	0.23610E-06	495981.8	3759495.1	697.8	3.49	4.00	3.25
L0005724 YES	0	0.23610E-06	495978.3	3759487.2	697.2	3.49	4.00	3.25
L0005725 YES	0	0.23610E-06	495974.9	3759479.4	696.6	3.49	4.00	3.25
L0005726 YES	0	0.23610E-06	495971.5	3759471.5	695.7	3.49	4.00	3.25
L0005727 YES	0	0.23610E-06	495968.0	3759463.6	695.0	3.49	4.00	3.25
L0005728 YES	0	0.23610E-06	495964.6	3759455.8	695.0	3.49	4.00	3.25
L0005729 YES	0	0.23610E-06	495961.1	3759447.9	695.0	3.49	4.00	3.25
L0005730 YES	0	0.23610E-06	495957.7	3759440.0	695.0	3.49	4.00	3.25
L0005731 YES	0	0.23610E-06	495954.2	3759432.1	694.9	3.49	4.00	3.25
L0005732 YES	0	0.23610E-06	495950.8	3759424.3	694.6	3.49	4.00	3.25
L0005733 YES	0	0.23610E-06	495946.7	3759416.8	694.3	3.49	4.00	3.25
L0005734 YES	0	0.23610E-06	495939.6	3759412.1	694.2	3.49	4.00	3.25
L0005735 YES	0	0.23610E-06	495932.2	3759407.8	694.3	3.49	4.00	3.25
L0005736 YES	0	0.23610E-06	495924.8	3759403.4	694.5	3.49	4.00	3.25
L0005737 YES	0	0.23610E-06	495917.5	3759398.8	694.8	3.49	4.00	3.25
L0005738 YES	0	0.23610E-06	495911.5	3759392.9	695.0	3.49	4.00	3.25
L0005739 YES	0	0.23610E-06	495906.5	3759385.9	695.0	3.49	4.00	3.25



L0005763	0	0.11860E-06	496009.6	3759486.6	695.7	3.49	4.00	3.25
YES								
L0005764	0	0.11860E-06	496012.9	3759494.5	695.9	3.49	4.00	3.25
YES								
L0005765	0	0.11860E-06	496016.2	3759502.4	696.6	3.49	4.00	3.25
YES								
L0005766	0	0.11860E-06	496022.9	3759501.9	696.7	3.49	4.00	3.25
YES								
L0005767	0	0.11860E-06	496030.7	3759498.4	696.3	3.49	4.00	3.25
YES								
L0005768	0	0.11860E-06	496038.5	3759494.8	696.2	3.49	4.00	3.25
YES								
L0005769	0	0.11860E-06	496046.4	3759491.3	696.4	3.49	4.00	3.25
YES								
L0005770	0	0.11860E-06	496054.2	3759487.8	696.5	3.49	4.00	3.25
YES								
L0005771	0	0.11860E-06	496062.0	3759484.3	696.6	3.49	4.00	3.25
YES								
L0005772	0	0.11860E-06	496069.9	3759480.7	696.5	3.49	4.00	3.25
YES								
L0005773	0	0.11860E-06	496077.7	3759477.2	696.4	3.49	4.00	3.25
YES								
L0005774	0	0.11860E-06	496085.5	3759473.7	696.2	3.49	4.00	3.25
YES								
L0005775	0	0.11860E-06	496093.4	3759470.1	696.1	3.49	4.00	3.25
YES								
L0005776	0	0.11860E-06	496101.2	3759466.6	696.0	3.49	4.00	3.25
YES								
L0005777	0	0.11860E-06	496109.0	3759463.1	695.9	3.49	4.00	3.25
YES								
L0005778	0	0.11860E-06	496116.9	3759459.6	695.8	3.49	4.00	3.25
YES								
L0005779	0	0.11860E-06	496124.7	3759456.0	695.8	3.49	4.00	3.25
YES								
L0005780	0	0.11860E-06	496132.5	3759452.5	695.9	3.49	4.00	3.25
YES								
L0005781	0	0.11860E-06	496140.4	3759449.0	696.1	3.49	4.00	3.25
YES								
L0005782	0	0.11860E-06	496148.2	3759445.5	696.2	3.49	4.00	3.25
YES								
L0005783	0	0.11860E-06	496156.0	3759441.9	696.4	3.49	4.00	3.25
YES								

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* VOLUME SOURCE DATA \*\*\*

SOURCE	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION RATE			ELEV.	HEIGHT	SY	SZ
ID	PART.	(GRAMS/SEC)	X	Y	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	SCALAR VARY	CATS.	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
		BY						

L0005784	0	0.11860E-06	496163.9	3759438.4	696.5	3.49	4.00	3.25
YES								
L0005785	0	0.11860E-06	496171.7	3759434.9	696.7	3.49	4.00	3.25
YES								



L0005786 YES	0	0.11860E-06	496179.5	3759431.3	697.0	3.49	4.00	3.25
L0005787 YES	0	0.11860E-06	496187.4	3759427.8	697.4	3.49	4.00	3.25
L0005788 YES	0	0.11860E-06	496195.2	3759424.3	697.8	3.49	4.00	3.25
L0005789 YES	0	0.11860E-06	496203.0	3759420.8	698.1	3.49	4.00	3.25
L0005790 YES	0	0.11860E-06	496210.9	3759417.2	698.4	3.49	4.00	3.25
L0005791 YES	0	0.11860E-06	496218.7	3759413.7	698.5	3.49	4.00	3.25
L0005792 YES	0	0.11860E-06	496226.5	3759410.2	698.7	3.49	4.00	3.25
L0005793 YES	0	0.11860E-06	496234.4	3759406.6	698.8	3.49	4.00	3.25
L0005794 YES	0	0.11860E-06	496242.2	3759403.1	699.1	3.49	4.00	3.25
L0005795 YES	0	0.11860E-06	496250.0	3759399.6	699.6	3.49	4.00	3.25
L0005796 YES	0	0.11860E-06	496257.8	3759396.1	700.2	3.49	4.00	3.25
L0005797 YES	0	0.11860E-06	496265.7	3759392.5	700.7	3.49	4.00	3.25
L0005798 YES	0	0.11860E-06	496273.5	3759389.0	701.1	3.49	4.00	3.25
L0005799 YES	0	0.11860E-06	496281.3	3759385.5	701.4	3.49	4.00	3.25
L0005800 YES	0	0.11860E-06	496288.5	3759381.0	701.6	3.49	4.00	3.25
L0005801 YES	0	0.11860E-06	496294.0	3759374.6	701.8	3.49	4.00	3.25
L0005802 YES	0	0.11860E-06	496295.0	3759366.6	702.1	3.49	4.00	3.25
L0005803 YES	0	0.11860E-06	496291.5	3759358.7	702.3	3.49	4.00	3.25
L0005804 YES	0	0.11860E-06	496288.1	3759350.8	702.4	3.49	4.00	3.25
L0005805 YES	0	0.11860E-06	496284.6	3759343.0	702.6	3.49	4.00	3.25
L0005806 YES	0	0.11860E-06	496281.1	3759335.1	702.8	3.49	4.00	3.25
L0005807 YES	0	0.11860E-06	496277.7	3759327.3	702.7	3.49	4.00	3.25
L0005808 YES	0	0.11860E-06	496274.2	3759319.4	702.5	3.49	4.00	3.25
L0005809 YES	0	0.11860E-06	496270.7	3759311.5	702.0	3.49	4.00	3.25
L0005810 YES	0	0.11860E-06	496267.3	3759303.7	701.7	3.49	4.00	3.25
L0005811 YES	0	0.11860E-06	496263.8	3759295.8	701.4	3.49	4.00	3.25
L0005812 YES	0	0.11860E-06	496260.3	3759288.0	701.0	3.49	4.00	3.25
L0005813 YES	0	0.11860E-06	496256.8	3759280.1	701.1	3.49	4.00	3.25
L0005814 YES	0	0.11860E-06	496253.4	3759272.3	701.2	3.49	4.00	3.25
L0005815 YES	0	0.11860E-06	496249.9	3759264.4	701.1	3.49	4.00	3.25
L0005816 YES	0	0.11860E-06	496246.4	3759256.5	701.0	3.49	4.00	3.25
L0005817 YES	0	0.11860E-06	496243.0	3759248.7	700.9	3.49	4.00	3.25
L0005818 YES	0	0.11860E-06	496239.5	3759240.8	700.9	3.49	4.00	3.25



L0005842	0	0.11810E-06	495990.1	3759449.8	695.0	3.49	4.00	3.25
YES								
L0005843	0	0.11810E-06	495994.7	3759457.1	695.0	3.49	4.00	3.25
YES								
L0005844	0	0.11810E-06	495999.3	3759464.3	695.0	3.49	4.00	3.25
YES								
L0005845	0	0.11810E-06	496003.9	3759471.6	695.2	3.49	4.00	3.25
YES								
L0005846	0	0.11810E-06	496007.4	3759479.4	695.4	3.49	4.00	3.25
YES								
L0005847	0	0.11810E-06	496010.9	3759487.3	695.7	3.49	4.00	3.25
YES								
L0005848	0	0.11810E-06	496014.3	3759495.2	696.0	3.49	4.00	3.25
YES								
L0005849	0	0.11810E-06	496017.8	3759503.0	696.7	3.49	4.00	3.25
YES								
L0005850	0	0.11810E-06	496021.2	3759510.9	697.7	3.49	4.00	3.25
YES								
L0005851	0	0.11810E-06	496024.6	3759518.8	698.7	3.49	4.00	3.25
YES								
L0005852	0	0.11810E-06	496028.1	3759526.6	699.9	3.49	4.00	3.25
YES								
L0005853	0	0.11810E-06	496031.5	3759534.5	701.4	3.49	4.00	3.25
YES								
L0005854	0	0.11810E-06	496035.0	3759542.4	702.8	3.49	4.00	3.25
YES								
L0005855	0	0.11810E-06	496038.4	3759550.2	704.1	3.49	4.00	3.25
YES								
L0005856	0	0.11810E-06	496041.9	3759558.1	705.1	3.49	4.00	3.25
YES								
L0005857	0	0.11810E-06	496045.3	3759566.0	705.6	3.49	4.00	3.25
YES								
L0005858	0	0.11810E-06	496048.7	3759573.9	706.2	3.49	4.00	3.25
YES								
L0005859	0	0.11810E-06	496052.2	3759581.7	706.7	3.49	4.00	3.25
YES								
L0005860	0	0.11810E-06	496055.6	3759589.6	706.9	3.49	4.00	3.25
YES								
L0005861	0	0.11810E-06	496059.1	3759597.5	706.6	3.49	4.00	3.25
YES								
L0005862	0	0.11810E-06	496062.5	3759605.3	706.1	3.49	4.00	3.25
YES								
L0005863	0	0.11810E-06	496066.0	3759613.2	705.4	3.49	4.00	3.25
YES								

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\*\*\* MODELOPTs: RegDFault CONC ELEV URBAN ADJ\_U\*

\*\*\* VOLUME SOURCE DATA \*\*\*

SOURCE	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION RATE			ELEV.	HEIGHT	SY	SZ
ID	PART.	(GRAMS/SEC)	X	Y	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	SCALAR VARY	BY						
	CATS.							

L0005864	0	0.11810E-06	496069.4	3759621.1	704.6	3.49	4.00	3.25
YES								

L0005865 YES	0	0.11810E-06	496072.8	3759628.9	704.0	3.49	4.00	3.25
L0005866 YES	0	0.11810E-06	496076.3	3759636.8	703.6	3.49	4.00	3.25
L0005867 YES	0	0.11810E-06	496081.8	3759639.2	703.2	3.49	4.00	3.25
L0005868 YES	0	0.11810E-06	496089.7	3759635.7	702.7	3.49	4.00	3.25
L0005869 YES	0	0.11810E-06	496097.5	3759632.2	702.3	3.49	4.00	3.25
L0005870 YES	0	0.11810E-06	496105.4	3759628.6	701.9	3.49	4.00	3.25
L0005871 YES	0	0.11810E-06	496113.2	3759625.1	701.5	3.49	4.00	3.25
L0005872 YES	0	0.11810E-06	496121.0	3759621.6	701.2	3.49	4.00	3.25
L0005873 YES	0	0.11810E-06	496128.9	3759618.1	701.1	3.49	4.00	3.25
L0005874 YES	0	0.11810E-06	496136.7	3759614.6	700.9	3.49	4.00	3.25
L0005875 YES	0	0.11810E-06	496144.5	3759611.1	700.8	3.49	4.00	3.25
L0005876 YES	0	0.11810E-06	496152.4	3759607.5	700.8	3.49	4.00	3.25
L0005877 YES	0	0.11810E-06	496160.2	3759604.0	700.9	3.49	4.00	3.25
L0005878 YES	0	0.11810E-06	496168.0	3759600.5	701.1	3.49	4.00	3.25
L0005879 YES	0	0.11810E-06	496175.9	3759597.0	701.2	3.49	4.00	3.25
L0005880 YES	0	0.11810E-06	496183.7	3759593.5	701.3	3.49	4.00	3.25
L0005881 YES	0	0.11810E-06	496191.6	3759589.9	701.2	3.49	4.00	3.25
L0005882 YES	0	0.11810E-06	496199.4	3759586.4	701.0	3.49	4.00	3.25
L0005883 YES	0	0.11810E-06	496207.2	3759582.9	701.0	3.49	4.00	3.25
L0005884 YES	0	0.11810E-06	496215.1	3759579.4	701.1	3.49	4.00	3.25
L0005885 YES	0	0.11810E-06	496222.9	3759575.9	701.4	3.49	4.00	3.25
L0005886 YES	0	0.11810E-06	496230.7	3759572.4	701.7	3.49	4.00	3.25
L0005887 YES	0	0.11810E-06	496238.6	3759568.8	701.9	3.49	4.00	3.25
L0005888 YES	0	0.11810E-06	496246.4	3759565.3	702.2	3.49	4.00	3.25
L0005889 YES	0	0.11810E-06	496254.2	3759561.8	702.5	3.49	4.00	3.25
L0005890 YES	0	0.11810E-06	496262.1	3759558.3	702.7	3.49	4.00	3.25
L0005891 YES	0	0.11810E-06	496269.9	3759554.8	703.0	3.49	4.00	3.25
L0005892 YES	0	0.11810E-06	496277.8	3759551.3	703.5	3.49	4.00	3.25
L0005893 YES	0	0.11810E-06	496285.6	3759547.7	704.0	3.49	4.00	3.25
L0005894 YES	0	0.11810E-06	496293.4	3759544.2	704.5	3.49	4.00	3.25
L0005895 YES	0	0.11810E-06	496301.3	3759540.7	705.0	3.49	4.00	3.25
L0005896 YES	0	0.11810E-06	496309.1	3759537.2	705.4	3.49	4.00	3.25
L0005897 YES	0	0.11810E-06	496316.9	3759533.7	705.7	3.49	4.00	3.25



L0005921	0	0.23470E-06	496020.9	3759456.2	694.8	3.49	4.00	3.25
YES								
L0005922	0	0.23470E-06	496028.7	3759452.7	694.6	3.49	4.00	3.25
YES								
L0005923	0	0.23470E-06	496036.5	3759449.1	694.5	3.49	4.00	3.25
YES								
L0005924	0	0.23470E-06	496044.3	3759445.6	694.5	3.49	4.00	3.25
YES								
L0005925	0	0.23470E-06	496052.2	3759442.0	694.3	3.49	4.00	3.25
YES								
L0005926	0	0.23470E-06	496060.0	3759438.5	694.1	3.49	4.00	3.25
YES								
L0005927	0	0.23470E-06	496067.8	3759434.9	694.2	3.49	4.00	3.25
YES								
L0005928	0	0.23470E-06	496075.6	3759431.4	694.4	3.49	4.00	3.25
YES								
L0005929	0	0.23470E-06	496083.5	3759427.8	694.5	3.49	4.00	3.25
YES								
L0005930	0	0.23470E-06	496091.3	3759424.3	694.6	3.49	4.00	3.25
YES								
L0005931	0	0.23470E-06	496099.1	3759420.8	694.6	3.49	4.00	3.25
YES								
L0005932	0	0.23470E-06	496106.9	3759417.2	694.7	3.49	4.00	3.25
YES								
L0005933	0	0.23470E-06	496114.8	3759413.7	694.9	3.49	4.00	3.25
YES								
L0005934	0	0.23470E-06	496122.6	3759410.1	695.1	3.49	4.00	3.25
YES								
L0005935	0	0.23470E-06	496130.4	3759406.6	695.3	3.49	4.00	3.25
YES								
L0005936	0	0.23470E-06	496138.2	3759403.0	695.5	3.49	4.00	3.25
YES								
L0005937	0	0.23470E-06	496146.1	3759399.5	695.6	3.49	4.00	3.25
YES								
L0005938	0	0.23470E-06	496153.9	3759395.9	695.8	3.49	4.00	3.25
YES								
L0005939	0	0.23470E-06	496161.7	3759392.4	695.9	3.49	4.00	3.25
YES								
L0005940	0	0.23470E-06	496169.5	3759388.9	696.1	3.49	4.00	3.25
YES								
L0005941	0	0.23470E-06	496177.4	3759385.3	696.2	3.49	4.00	3.25
YES								
L0005942	0	0.23470E-06	496185.2	3759381.8	696.5	3.49	4.00	3.25
YES								
L0005943	0	0.23470E-06	496193.0	3759378.2	696.9	3.49	4.00	3.25
YES								

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*** AERMOD - VERSION 22112 ***      *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK
VALLEY\13594 OPS\1359 ***          07/19/23
*** AERMET - VERSION 16216 ***
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\*\*\* MODELOPTs: RegDFault CONC ELEV URBAN ADJ\_U\*

\*\*\* VOLUME SOURCE DATA \*\*\*

SOURCE	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ
ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	
(METERS)		BY						

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L0004134	0	0.21760E-06	496180.4	3759174.9	695.0	3.49	6.51	3.25
YES								
L0004135	0	0.21760E-06	496191.2	3759166.0	695.0	3.49	6.51	3.25
YES								
L0004136	0	0.21760E-06	496202.0	3759157.2	695.0	3.49	6.51	3.25
YES								
L0004137	0	0.21760E-06	496212.9	3759148.3	695.0	3.49	6.51	3.25
YES								
L0004138	0	0.21760E-06	496223.4	3759139.1	695.0	3.49	6.51	3.25
YES								
L0004139	0	0.21760E-06	496233.8	3759129.7	695.0	3.49	6.51	3.25
YES								
L0004140	0	0.21760E-06	496244.2	3759120.3	695.0	3.49	6.51	3.25
YES								
L0004141	0	0.21760E-06	496254.6	3759110.9	695.0	3.49	6.51	3.25
YES								
L0004142	0	0.21760E-06	496265.0	3759101.5	695.0	3.49	6.51	3.25
YES								
L0004143	0	0.21760E-06	496275.3	3759092.1	695.0	3.49	6.51	3.25
YES								
L0004144	0	0.21760E-06	496285.7	3759082.8	695.0	3.49	6.51	3.25
YES								
L0004145	0	0.21760E-06	496296.1	3759073.4	695.0	3.49	6.51	3.25
YES								
L0004146	0	0.21760E-06	496306.5	3759064.0	695.0	3.49	6.51	3.25
YES								
L0004147	0	0.21760E-06	496316.9	3759054.6	695.0	3.49	6.51	3.25
YES								
L0004148	0	0.21760E-06	496327.2	3759045.2	695.0	3.49	6.51	3.25
YES								
L0004149	0	0.21760E-06	496337.6	3759035.8	695.3	3.49	6.51	3.25
YES								
L0004150	0	0.21760E-06	496348.0	3759026.4	695.3	3.49	6.51	3.25
YES								
L0004151	0	0.21760E-06	496358.4	3759017.0	695.1	3.49	6.51	3.25
YES								
L0004152	0	0.21760E-06	496368.7	3759007.6	695.5	3.49	6.51	3.25
YES								
L0004153	0	0.21760E-06	496379.1	3758998.2	695.8	3.49	6.51	3.25
YES								
L0004154	0	0.21760E-06	496389.5	3758988.7	695.9	3.49	6.51	3.25
YES								
L0004155	0	0.21760E-06	496399.8	3758979.3	696.7	3.49	6.51	3.25
YES								
L0004156	0	0.21760E-06	496410.2	3758969.9	697.6	3.49	6.51	3.25
YES								
L0004157	0	0.21760E-06	496420.5	3758960.5	698.6	3.49	6.51	3.25
YES								

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*** AERMOD - VERSION 22112 ***      *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK
VALLEY\13594 OPS\1359 ***          07/19/23
*** AERMET - VERSION 16216 ***
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* VOLUME SOURCE DATA \*\*\*

SOURCE	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ
ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)		BY						

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L0004269	0	0.14660E-07	496588.5	3758556.5	720.1	3.49	6.51	3.25
YES								
L0004270	0	0.14660E-07	496578.3	3758546.9	719.7	3.49	6.51	3.25
YES								
L0004271	0	0.14660E-07	496568.8	3758536.6	719.0	3.49	6.51	3.25
YES								
L0004272	0	0.14660E-07	496559.3	3758526.4	719.0	3.49	6.51	3.25
YES								
L0004273	0	0.14660E-07	496549.7	3758516.1	719.0	3.49	6.51	3.25
YES								
L0004274	0	0.14660E-07	496541.7	3758504.7	718.9	3.49	6.51	3.25
YES								
L0004275	0	0.14660E-07	496533.7	3758493.2	718.6	3.49	6.51	3.25
YES								
L0004276	0	0.14660E-07	496525.7	3758481.7	718.2	3.49	6.51	3.25
YES								
L0004277	0	0.14660E-07	496517.7	3758470.2	718.2	3.49	6.51	3.25
YES								

\*\*\* AERMOD - VERSION 22112 \*\*\*      \*\*\* C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK VALLEY\13594 OPS\1359 \*\*\*      07/19/23

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\*\*\* MODELOPTs:      RegDFault    CONC    ELEV    URBAN    ADJ\_U\*

\*\*\* VOLUME SOURCE DATA \*\*\*

SOURCE	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION RATE			ELEV.	HEIGHT	SY	SZ
ID	PART.	(GRAMS/SEC)	X	Y	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	SCALAR VARY	BY						
	CATS.							

L0004278	0	0.14660E-07	496510.2	3758458.4	718.6	3.49	6.51	3.25
YES								
L0004279	0	0.14660E-07	496502.8	3758446.5	719.0	3.49	6.51	3.25
YES								
L0004280	0	0.14660E-07	496495.5	3758434.6	719.0	3.49	6.51	3.25
YES								
L0004281	0	0.14660E-07	496488.1	3758422.7	719.0	3.49	6.51	3.25
YES								
L0004282	0	0.14660E-07	496480.7	3758410.8	719.0	3.49	6.51	3.25
YES								
L0004283	0	0.14660E-07	496475.8	3758397.7	719.1	3.49	6.51	3.25
YES								
L0004284	0	0.14660E-07	496471.0	3758384.5	719.5	3.49	6.51	3.25
YES								
L0004285	0	0.14660E-07	496466.5	3758371.3	721.0	3.49	6.51	3.25
YES								
L0004286	0	0.14660E-07	496463.6	3758357.6	722.2	3.49	6.51	3.25
YES								
L0004287	0	0.14660E-07	496460.8	3758343.9	720.8	3.49	6.51	3.25
YES								
L0004288	0	0.14660E-07	496458.0	3758330.1	719.4	3.49	6.51	3.25
YES								
L0004289	0	0.14660E-07	496455.8	3758316.3	719.0	3.49	6.51	3.25
YES								
L0004290	0	0.14660E-07	496454.6	3758302.4	719.0	3.49	6.51	3.25
YES								
L0004291	0	0.14660E-07	496453.3	3758288.5	719.0	3.49	6.51	3.25
YES								

L0004292	0	0.14660E-07	496452.0	3758274.5	719.0	3.49	6.51	3.25
YES								
L0004293	0	0.14660E-07	496450.7	3758260.6	718.8	3.49	6.51	3.25
YES								
L0004294	0	0.14660E-07	496449.4	3758246.6	718.3	3.49	6.51	3.25
YES								
L0004295	0	0.51060E-06	495876.8	3759354.2	695.0	3.49	6.51	3.25
YES								
L0004296	0	0.51060E-06	495864.9	3759361.6	695.0	3.49	6.51	3.25
YES								
L0004297	0	0.51060E-06	495853.0	3759369.1	695.0	3.49	6.51	3.25
YES								
L0004298	0	0.51060E-06	495841.2	3759376.5	695.0	3.49	6.51	3.25
YES								
L0004299	0	0.51060E-06	495829.3	3759383.9	695.0	3.49	6.51	3.25
YES								
L0004300	0	0.51060E-06	495817.5	3759391.4	695.0	3.49	6.51	3.25
YES								
L0004301	0	0.51060E-06	495805.6	3759398.8	695.0	3.49	6.51	3.25
YES								
L0004302	0	0.51060E-06	495793.7	3759406.3	695.0	3.49	6.51	3.25
YES								
L0004303	0	0.51060E-06	495782.0	3759413.8	695.5	3.49	6.51	3.25
YES								
L0004304	0	0.51060E-06	495770.4	3759421.8	695.8	3.49	6.51	3.25
YES								
L0004305	0	0.51060E-06	495758.9	3759429.7	696.0	3.49	6.51	3.25
YES								
L0004306	0	0.51060E-06	495747.4	3759437.7	696.5	3.49	6.51	3.25
YES								
L0004307	0	0.51060E-06	495735.9	3759445.7	697.1	3.49	6.51	3.25
YES								
L0004308	0	0.51060E-06	495724.4	3759453.7	697.4	3.49	6.51	3.25
YES								
L0004309	0	0.51060E-06	495713.9	3759462.9	697.3	3.49	6.51	3.25
YES								
L0004310	0	0.51060E-06	495703.4	3759472.1	697.1	3.49	6.51	3.25
YES								
L0004311	0	0.51060E-06	495692.8	3759481.4	696.9	3.49	6.51	3.25
YES								
L0004312	0	0.51060E-06	495682.3	3759490.6	696.9	3.49	6.51	3.25
YES								
L0004313	0	0.51060E-06	495671.7	3759499.8	697.1	3.49	6.51	3.25
YES								
L0004314	0	0.51060E-06	495661.4	3759509.2	697.1	3.49	6.51	3.25
YES								
L0004315	0	0.51060E-06	495652.0	3759519.6	697.2	3.49	6.51	3.25
YES								
L0004316	0	0.51060E-06	495642.5	3759529.9	697.2	3.49	6.51	3.25
YES								
L0004317	0	0.51060E-06	495633.1	3759540.3	697.5	3.49	6.51	3.25
YES								

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK VALLEY\13594 OPS\1359 \*\*\* 07/19/23

\*\*\* AERMET - VERSION 16216 \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* VOLUME SOURCE DATA \*\*\*

SOURCE	NUMBER	EMISSION RATE	BASE	RELEASE	INIT.	INIT.		
	URBAN	EMISSION RATE						
	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ







L0004371	0	0.14500E-07	495973.5	3760079.6	716.3	3.49	6.51	3.25
YES								
L0004372	0	0.14500E-07	495982.7	3760090.1	716.1	3.49	6.51	3.25
YES								
L0004373	0	0.14500E-07	495992.0	3760100.6	715.7	3.49	6.51	3.25
YES								
L0004374	0	0.14500E-07	496001.2	3760111.1	715.5	3.49	6.51	3.25
YES								
L0004375	0	0.14500E-07	496010.5	3760121.6	716.2	3.49	6.51	3.25
YES								
L0004376	0	0.14500E-07	496019.8	3760132.1	716.8	3.49	6.51	3.25
YES								
L0004377	0	0.14500E-07	496029.0	3760142.6	717.5	3.49	6.51	3.25
YES								
L0004378	0	0.14500E-07	496038.3	3760153.0	718.2	3.49	6.51	3.25
YES								
L0004379	0	0.14500E-07	496047.6	3760163.5	718.6	3.49	6.51	3.25
YES								
L0004380	0	0.14500E-07	496056.8	3760174.0	718.9	3.49	6.51	3.25
YES								
L0004381	0	0.14500E-07	496066.1	3760184.5	719.2	3.49	6.51	3.25
YES								
L0004382	0	0.14500E-07	496075.4	3760195.0	719.3	3.49	6.51	3.25
YES								
L0004383	0	0.14500E-07	496084.7	3760205.4	719.3	3.49	6.51	3.25
YES								
L0004384	0	0.14500E-07	496094.0	3760215.9	719.4	3.49	6.51	3.25
YES								
L0004385	0	0.14500E-07	496103.2	3760226.5	721.0	3.49	6.51	3.25
YES								
L0004386	0	0.14500E-07	496112.4	3760237.0	722.3	3.49	6.51	3.25
YES								
L0004387	0	0.14500E-07	496121.6	3760247.6	723.2	3.49	6.51	3.25
YES								
L0004388	0	0.14500E-07	496130.8	3760258.1	724.9	3.49	6.51	3.25
YES								
L0004389	0	0.14500E-07	496140.0	3760268.7	726.6	3.49	6.51	3.25
YES								
L0004390	0	0.14500E-07	496149.2	3760279.2	728.0	3.49	6.51	3.25
YES								
L0004391	0	0.14500E-07	496158.4	3760289.8	728.1	3.49	6.51	3.25
YES								
L0004392	0	0.14500E-07	496167.6	3760300.3	728.5	3.49	6.51	3.25
YES								
L0004393	0	0.14500E-07	496176.8	3760310.9	729.1	3.49	6.51	3.25
YES								
L0004394	0	0.14500E-07	496186.0	3760321.4	729.7	3.49	6.51	3.25
YES								
L0004395	0	0.14500E-07	496195.2	3760332.0	730.3	3.49	6.51	3.25
YES								
L0004396	0	0.14500E-07	496204.4	3760342.5	730.8	3.49	6.51	3.25
YES								
L0004397	0	0.14500E-07	496213.7	3760353.0	731.0	3.49	6.51	3.25
YES								

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*


\*\*\* VOLUME SOURCE DATA \*\*\*

NUMBER	EMISSION RATE	BASE	RELEASE	INIT.	INIT.
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L0004450	0	0.14500E-07	496636.7	3760956.3	788.3	3.49	6.51	3.25
YES								
L0004451	0	0.14500E-07	496641.6	3760969.4	789.7	3.49	6.51	3.25
YES								
L0004452	0	0.14500E-07	496646.3	3760982.6	787.3	3.49	6.51	3.25
YES								
L0004453	0	0.14500E-07	496650.9	3760995.8	785.1	3.49	6.51	3.25
YES								
L0004454	0	0.14500E-07	496655.6	3761009.1	780.6	3.49	6.51	3.25
YES								
L0004455	0	0.14500E-07	496660.2	3761022.3	776.4	3.49	6.51	3.25
YES								
L0004456	0	0.14500E-07	496664.8	3761035.5	771.4	3.49	6.51	3.25
YES								
L0004457	0	0.14500E-07	496669.5	3761048.7	766.1	3.49	6.51	3.25
YES								
L0004458	0	0.14500E-07	496673.6	3761062.0	763.4	3.49	6.51	3.25
YES								
L0005976	0	0.23240E-07	495631.4	3759873.0	703.6	3.49	6.51	3.25
YES								
L0005977	0	0.23240E-07	495644.7	3759877.2	703.6	3.49	6.51	3.25
YES								
L0005978	0	0.23240E-07	495658.1	3759881.4	703.4	3.49	6.51	3.25
YES								
L0005979	0	0.23240E-07	495671.4	3759885.6	703.0	3.49	6.51	3.25
YES								
L0005980	0	0.23240E-07	495684.8	3759889.8	703.6	3.49	6.51	3.25
YES								
L0005981	0	0.23240E-07	495698.1	3759894.1	704.2	3.49	6.51	3.25
YES								
L0005982	0	0.23240E-07	495711.0	3759899.5	704.6	3.49	6.51	3.25
YES								
L0005983	0	0.23240E-07	495724.0	3759904.9	704.9	3.49	6.51	3.25
YES								
L0005984	0	0.23240E-07	495736.9	3759910.2	705.2	3.49	6.51	3.25
YES								
L0005985	0	0.23240E-07	495749.8	3759915.6	705.6	3.49	6.51	3.25
YES								
L0005986	0	0.23240E-07	495762.8	3759920.9	706.0	3.49	6.51	3.25
YES								
L0005987	0	0.23240E-07	495775.7	3759926.3	706.2	3.49	6.51	3.25
YES								
L0005988	0	0.23240E-07	495788.7	3759931.6	706.5	3.49	6.51	3.25
YES								
L0005989	0	0.23240E-07	495800.7	3759938.8	707.1	3.49	6.51	3.25
YES								
L0005990	0	0.23240E-07	495812.5	3759946.3	707.7	3.49	6.51	3.25
YES								
L0005991	0	0.23240E-07	495824.3	3759953.7	708.2	3.49	6.51	3.25
YES								
L0005992	0	0.23240E-07	495836.2	3759961.2	708.5	3.49	6.51	3.25
YES								
L0005993	0	0.23240E-07	495848.0	3759968.7	708.8	3.49	6.51	3.25
YES								
L0005994	0	0.23240E-07	495859.8	3759976.2	709.0	3.49	6.51	3.25
YES								


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L0006046	0	0.23240E-07	496352.5	3760510.6	735.4	3.49	6.51	3.25
YES								
L0006047	0	0.23240E-07	496361.9	3760521.0	736.7	3.49	6.51	3.25
YES								
L0006048	0	0.23240E-07	496371.5	3760531.2	738.2	3.49	6.51	3.25
YES								
L0006049	0	0.23240E-07	496381.2	3760541.3	739.5	3.49	6.51	3.25
YES								
L0006050	0	0.23240E-07	496390.8	3760551.4	740.5	3.49	6.51	3.25
YES								
L0006051	0	0.23240E-07	496400.5	3760561.6	741.4	3.49	6.51	3.25
YES								
L0006052	0	0.23240E-07	496409.5	3760572.3	742.1	3.49	6.51	3.25
YES								
L0006053	0	0.23240E-07	496418.2	3760583.2	743.1	3.49	6.51	3.25
YES								
L0006054	0	0.23240E-07	496427.0	3760594.1	743.8	3.49	6.51	3.25
YES								
L0006055	0	0.23240E-07	496435.7	3760605.1	744.3	3.49	6.51	3.25
YES								
L0006056	0	0.23240E-07	496444.5	3760616.0	747.5	3.49	6.51	3.25
YES								
L0006057	0	0.23240E-07	496453.2	3760626.9	750.0	3.49	6.51	3.25
YES								
L0006058	0	0.23240E-07	496461.7	3760638.1	751.4	3.49	6.51	3.25
YES								
L0006059	0	0.23240E-07	496469.4	3760649.7	754.4	3.49	6.51	3.25
YES								
L0006060	0	0.23240E-07	496477.2	3760661.4	758.2	3.49	6.51	3.25
YES								
L0006061	0	0.23240E-07	496484.9	3760673.1	761.9	3.49	6.51	3.25
YES								
L0006062	0	0.23240E-07	496492.6	3760684.7	764.9	3.49	6.51	3.25
YES								
L0006063	0	0.23240E-07	496500.4	3760696.4	767.7	3.49	6.51	3.25
YES								
L0006064	0	0.23240E-07	496508.1	3760708.0	768.0	3.49	6.51	3.25
YES								
L0006065	0	0.23240E-07	496515.7	3760719.8	769.8	3.49	6.51	3.25
YES								
L0006066	0	0.23240E-07	496523.0	3760731.8	768.9	3.49	6.51	3.25
YES								
L0006067	0	0.23240E-07	496530.2	3760743.8	765.2	3.49	6.51	3.25
YES								
L0006068	0	0.23240E-07	496537.5	3760755.7	763.0	3.49	6.51	3.25
YES								
L0006069	0	0.23240E-07	496544.8	3760767.7	761.8	3.49	6.51	3.25
YES								
L0006070	0	0.23240E-07	496552.1	3760779.6	760.7	3.49	6.51	3.25
YES								
L0006071	0	0.23240E-07	496559.0	3760791.8	760.1	3.49	6.51	3.25
YES								
L0006072	0	0.23240E-07	496565.2	3760804.4	759.0	3.49	6.51	3.25
YES								
L0006073	0	0.23240E-07	496571.4	3760816.9	757.4	3.49	6.51	3.25
YES								
L0006074	0	0.23240E-07	496577.6	3760829.5	759.0	3.49	6.51	3.25
YES								


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L0006100	0	0.36410E-06	495520.3	3759851.6	702.8	3.49	6.51	3.25
YES								
L0006101	0	0.36410E-06	495506.5	3759849.7	702.8	3.49	6.51	3.25
YES								
L0006102	0	0.36410E-06	495492.6	3759847.8	702.7	3.49	6.51	3.25
YES								
L0006103	0	0.36410E-06	495478.7	3759845.8	702.7	3.49	6.51	3.25
YES								
L0006104	0	0.36410E-06	495464.9	3759843.9	702.6	3.49	6.51	3.25
YES								
L0006105	0	0.36410E-06	495451.0	3759842.0	701.9	3.49	6.51	3.25
YES								
L0006106	0	0.36410E-06	495437.1	3759840.1	700.9	3.49	6.51	3.25
YES								
L0006107	0	0.36410E-06	495423.3	3759838.2	700.4	3.49	6.51	3.25
YES								
L0006108	0	0.36410E-06	495409.4	3759836.3	700.3	3.49	6.51	3.25
YES								
L0006109	0	0.36410E-06	495395.5	3759834.4	699.9	3.49	6.51	3.25
YES								
L0006110	0	0.36410E-06	495381.6	3759832.5	699.0	3.49	6.51	3.25
YES								
L0006111	0	0.36410E-06	495367.8	3759830.6	698.1	3.49	6.51	3.25
YES								
L0006112	0	0.36410E-06	495353.9	3759828.7	698.0	3.49	6.51	3.25
YES								
L0006113	0	0.36410E-06	495340.0	3759826.8	698.0	3.49	6.51	3.25
YES								
L0006114	0	0.36410E-06	495326.2	3759824.9	697.5	3.49	6.51	3.25
YES								
L0006115	0	0.36410E-06	495312.3	3759823.0	697.1	3.49	6.51	3.25
YES								
L0006116	0	0.36410E-06	495298.4	3759821.1	696.6	3.49	6.51	3.25
YES								
L0006117	0	0.36410E-06	495284.6	3759819.2	696.1	3.49	6.51	3.25
YES								
L0004626	0	0.89110E-08	495621.3	3759885.6	704.0	3.49	4.00	3.25
YES								
L0004627	0	0.89110E-08	495619.1	3759893.9	704.1	3.49	4.00	3.25
YES								
L0004628	0	0.89110E-08	495617.0	3759902.2	704.3	3.49	4.00	3.25
YES								
L0004629	0	0.89110E-08	495612.4	3759909.1	704.7	3.49	4.00	3.25
YES								
L0004630	0	0.89110E-08	495606.2	3759915.0	705.0	3.49	4.00	3.25
YES								
L0004631	0	0.89110E-08	495600.3	3759921.3	705.0	3.49	4.00	3.25
YES								
L0004632	0	0.89110E-08	495594.5	3759927.6	705.2	3.49	4.00	3.25
YES								
L0004633	0	0.89110E-08	495588.6	3759933.8	705.7	3.49	4.00	3.25
YES								
L0004634	0	0.89110E-08	495581.6	3759938.7	706.4	3.49	4.00	3.25
YES								
L0004635	0	0.89110E-08	495574.1	3759942.7	706.8	3.49	4.00	3.25
YES								
L0004636	0	0.89110E-08	495566.5	3759946.8	707.0	3.49	4.00	3.25
YES								
L0004637	0	0.89110E-08	495558.9	3759950.8	707.0	3.49	4.00	3.25
YES								


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L0004687	0	0.89110E-08	495257.0	3760195.4	701.3	3.49	4.00	3.25
YES								
L0004688	0	0.89110E-08	495253.4	3760203.1	701.6	3.49	4.00	3.25
YES								
L0004689	0	0.89110E-08	495249.7	3760210.9	701.9	3.49	4.00	3.25
YES								
L0004690	0	0.89110E-08	495246.0	3760218.7	702.5	3.49	4.00	3.25
YES								
L0004691	0	0.89110E-08	495242.3	3760226.4	703.2	3.49	4.00	3.25
YES								
L0004692	0	0.89110E-08	495238.6	3760234.2	704.0	3.49	4.00	3.25
YES								
L0004693	0	0.89110E-08	495235.0	3760241.9	704.8	3.49	4.00	3.25
YES								
L0004694	0	0.89110E-08	495231.6	3760249.9	705.2	3.49	4.00	3.25
YES								
L0004695	0	0.89110E-08	495228.5	3760257.9	705.5	3.49	4.00	3.25
YES								
L0004696	0	0.89110E-08	495225.3	3760265.8	705.7	3.49	4.00	3.25
YES								
L0004697	0	0.89110E-08	495222.2	3760273.8	705.9	3.49	4.00	3.25
YES								
L0004698	0	0.89110E-08	495219.1	3760281.9	706.3	3.49	4.00	3.25
YES								
L0004699	0	0.89110E-08	495216.6	3760290.1	706.7	3.49	4.00	3.25
YES								
L0004700	0	0.89110E-08	495214.0	3760298.3	707.0	3.49	4.00	3.25
YES								
L0004701	0	0.89110E-08	495211.4	3760306.5	707.3	3.49	4.00	3.25
YES								
L0004702	0	0.89110E-08	495208.9	3760314.7	707.5	3.49	4.00	3.25
YES								
L0004703	0	0.89110E-08	495206.3	3760322.9	707.7	3.49	4.00	3.25
YES								
L0004704	0	0.89110E-08	495203.8	3760331.1	708.0	3.49	4.00	3.25
YES								
L0004705	0	0.89110E-08	495201.2	3760339.3	708.3	3.49	4.00	3.25
YES								
L0004706	0	0.89110E-08	495198.6	3760347.5	708.7	3.49	4.00	3.25
YES								
L0004707	0	0.89110E-08	495195.7	3760355.5	709.2	3.49	4.00	3.25
YES								
L0004708	0	0.89110E-08	495192.7	3760363.6	709.7	3.49	4.00	3.25
YES								
L0004709	0	0.89110E-08	495189.8	3760371.7	710.2	3.49	4.00	3.25
YES								
L0004710	0	0.89110E-08	495186.8	3760379.7	710.8	3.49	4.00	3.25
YES								
L0004711	0	0.89110E-08	495183.9	3760387.8	711.2	3.49	4.00	3.25
YES								
L0004712	0	0.89110E-08	495181.0	3760395.9	711.6	3.49	4.00	3.25
YES								
L0004713	0	0.89110E-08	495178.0	3760403.9	711.8	3.49	4.00	3.25
YES								
L0004714	0	0.89110E-08	495175.1	3760412.0	712.0	3.49	4.00	3.25
YES								
L0004715	0	0.89110E-08	495172.5	3760420.2	712.2	3.49	4.00	3.25
YES								
L0004716	0	0.89110E-08	495169.8	3760428.4	712.6	3.49	4.00	3.25
YES								
L0004717	0	0.89110E-08	495167.2	3760436.5	713.6	3.49	4.00	3.25
YES								

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L0004766	0	0.89110E-08	494977.9	3760810.8	719.7	3.49	4.00	3.25
YES								
L0004767	0	0.89110E-08	494973.9	3760818.4	719.7	3.49	4.00	3.25
YES								
L0004768	0	0.89110E-08	494969.8	3760826.0	719.4	3.49	4.00	3.25
YES								
L0004769	0	0.89110E-08	494965.8	3760833.6	719.2	3.49	4.00	3.25
YES								
L0004770	0	0.89110E-08	494961.8	3760841.2	719.1	3.49	4.00	3.25
YES								
L0004771	0	0.89110E-08	494957.8	3760848.8	718.6	3.49	4.00	3.25
YES								
L0004772	0	0.89110E-08	494953.8	3760856.4	717.3	3.49	4.00	3.25
YES								
L0004773	0	0.89110E-08	494949.8	3760864.0	716.0	3.49	4.00	3.25
YES								
L0004774	0	0.89110E-08	494945.9	3760871.6	714.3	3.49	4.00	3.25
YES								
L0004775	0	0.89110E-08	494941.9	3760879.3	712.9	3.49	4.00	3.25
YES								
L0004776	0	0.89110E-08	494938.0	3760886.9	712.0	3.49	4.00	3.25
YES								
L0004777	0	0.89110E-08	494934.1	3760894.5	711.2	3.49	4.00	3.25
YES								
L0004778	0	0.89110E-08	494930.2	3760902.2	710.5	3.49	4.00	3.25
YES								
L0004779	0	0.89110E-08	494926.5	3760909.9	710.2	3.49	4.00	3.25
YES								
L0004780	0	0.89110E-08	494922.7	3760917.7	710.1	3.49	4.00	3.25
YES								
L0004781	0	0.89110E-08	494919.0	3760925.4	709.9	3.49	4.00	3.25
YES								
L0004782	0	0.89110E-08	494915.4	3760933.2	709.8	3.49	4.00	3.25
YES								
L0004783	0	0.89110E-08	494911.8	3760941.0	709.8	3.49	4.00	3.25
YES								
L0004784	0	0.89110E-08	494908.3	3760948.8	709.8	3.49	4.00	3.25
YES								
L0004785	0	0.89110E-08	494904.7	3760956.7	709.8	3.49	4.00	3.25
YES								
L0004786	0	0.89110E-08	494901.3	3760964.6	710.0	3.49	4.00	3.25
YES								
L0004787	0	0.89110E-08	494897.9	3760972.4	710.0	3.49	4.00	3.25
YES								
L0004788	0	0.89110E-08	494894.5	3760980.3	710.1	3.49	4.00	3.25
YES								
L0004789	0	0.89110E-08	494891.1	3760988.2	710.0	3.49	4.00	3.25
YES								
L0004790	0	0.89110E-08	494887.7	3760996.1	710.0	3.49	4.00	3.25
YES								
L0004791	0	0.89110E-08	494884.3	3761004.0	710.2	3.49	4.00	3.25
YES								
L0004792	0	0.89110E-08	494880.9	3761011.9	710.4	3.49	4.00	3.25
YES								
L0004793	0	0.89110E-08	494877.9	3761019.9	710.5	3.49	4.00	3.25
YES								
L0004794	0	0.89110E-08	494875.0	3761028.0	710.6	3.49	4.00	3.25
YES								
L0004795	0	0.89110E-08	494872.0	3761036.1	711.0	3.49	4.00	3.25
YES								
L0004796	0	0.89110E-08	494869.1	3761044.1	711.5	3.49	4.00	3.25
YES								
L0004797	0	0.89110E-08	494866.2	3761052.2	711.9	3.49	4.00	3.25
YES								





L0004845 YES	0	0.89110E-08	494716.4	3761426.1	733.6	3.49	4.00	3.25
L0004846 YES	0	0.89110E-08	494713.3	3761434.1	733.4	3.49	4.00	3.25
L0004847 YES	0	0.89110E-08	494710.1	3761442.1	733.1	3.49	4.00	3.25
L0004848 YES	0	0.89110E-08	494707.0	3761450.1	732.9	3.49	4.00	3.25
L0004849 YES	0	0.89110E-08	494703.9	3761458.1	732.9	3.49	4.00	3.25
L0004850 YES	0	0.89110E-08	494700.7	3761466.1	732.9	3.49	4.00	3.25
L0004851 YES	0	0.89110E-08	494697.6	3761474.1	733.0	3.49	4.00	3.25
L0004852 YES	0	0.89110E-08	494694.4	3761482.1	733.0	3.49	4.00	3.25
L0004853 YES	0	0.89110E-08	494691.3	3761490.1	733.0	3.49	4.00	3.25
L0004854 YES	0	0.89110E-08	494688.1	3761498.1	733.0	3.49	4.00	3.25
L0004855 YES	0	0.89110E-08	494685.0	3761506.1	733.0	3.49	4.00	3.25
L0004856 YES	0	0.89110E-08	494681.8	3761514.0	733.0	3.49	4.00	3.25
L0004857 YES	0	0.89110E-08	494678.7	3761522.0	732.9	3.49	4.00	3.25
L0004858 YES	0	0.89110E-08	494675.5	3761530.0	732.8	3.49	4.00	3.25
L0004859 YES	0	0.89110E-08	494672.4	3761538.0	732.8	3.49	4.00	3.25
L0004860 YES	0	0.89110E-08	494669.2	3761546.0	732.8	3.49	4.00	3.25
L0004861 YES	0	0.89110E-08	494666.1	3761554.0	732.8	3.49	4.00	3.25
L0004862 YES	0	0.89110E-08	494662.9	3761562.0	732.9	3.49	4.00	3.25
L0004863 YES	0	0.89110E-08	494659.8	3761570.0	733.0	3.49	4.00	3.25
L0004864 YES	0	0.89110E-08	494656.6	3761578.0	733.1	3.49	4.00	3.25
L0004865 YES	0	0.89110E-08	494653.5	3761586.0	733.1	3.49	4.00	3.25
L0004866 YES	0	0.89110E-08	494650.3	3761593.9	733.0	3.49	4.00	3.25
L0004867 YES	0	0.89110E-08	494647.2	3761601.9	732.9	3.49	4.00	3.25
L0004868 YES	0	0.89110E-08	494644.0	3761609.9	732.9	3.49	4.00	3.25
L0004869 YES	0	0.89110E-08	494640.8	3761617.9	732.9	3.49	4.00	3.25
L0004870 YES	0	0.89110E-08	494637.6	3761625.9	733.0	3.49	4.00	3.25
L0004871 YES	0	0.89110E-08	494634.3	3761633.8	733.0	3.49	4.00	3.25
L0004872 YES	0	0.89110E-08	494631.1	3761641.8	733.0	3.49	4.00	3.25
L0004873 YES	0	0.89110E-08	494627.9	3761649.7	733.0	3.49	4.00	3.25
L0004874 YES	0	0.89110E-08	494624.7	3761657.7	733.0	3.49	4.00	3.25
L0004875 YES	0	0.89110E-08	494621.5	3761665.7	733.3	3.49	4.00	3.25
L0004876 YES	0	0.89110E-08	494618.3	3761673.6	733.5	3.49	4.00	3.25
L0004877 YES	0	0.89110E-08	494615.0	3761681.6	733.7	3.49	4.00	3.25



L0006136	0	0.14270E-07	495503.8	3759974.9	707.0	3.49	4.00	3.25
YES								
L0006137	0	0.14270E-07	495495.6	3759977.0	707.1	3.49	4.00	3.25
YES								
L0006138	0	0.14270E-07	495487.1	3759978.3	707.3	3.49	4.00	3.25
YES								
L0006139	0	0.14270E-07	495478.6	3759979.6	707.6	3.49	4.00	3.25
YES								
L0006140	0	0.14270E-07	495470.1	3759980.8	707.9	3.49	4.00	3.25
YES								
L0006141	0	0.14270E-07	495461.6	3759982.1	708.2	3.49	4.00	3.25
YES								
L0006142	0	0.14270E-07	495453.1	3759982.5	707.9	3.49	4.00	3.25
YES								
L0006143	0	0.14270E-07	495444.5	3759982.0	707.6	3.49	4.00	3.25
YES								
L0006144	0	0.14270E-07	495435.9	3759981.4	707.2	3.49	4.00	3.25
YES								
L0006145	0	0.14270E-07	495427.3	3759981.9	707.0	3.49	4.00	3.25
YES								
L0006146	0	0.14270E-07	495418.8	3759982.4	707.0	3.49	4.00	3.25
YES								
L0006147	0	0.14270E-07	495410.2	3759983.0	707.0	3.49	4.00	3.25
YES								
L0006148	0	0.14270E-07	495401.8	3759984.6	707.0	3.49	4.00	3.25
YES								
L0006149	0	0.14270E-07	495393.4	3759986.3	706.6	3.49	4.00	3.25
YES								
L0006150	0	0.14270E-07	495384.9	3759987.9	706.2	3.49	4.00	3.25
YES								
L0006151	0	0.14270E-07	495377.0	3759990.9	705.8	3.49	4.00	3.25
YES								
L0006152	0	0.14270E-07	495369.8	3759995.6	705.6	3.49	4.00	3.25
YES								

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* VOLUME SOURCE DATA \*\*\*

SOURCE	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION	RATE		ELEV.	HEIGHT	SY	SZ
ID	PART.	(GRAMS/SEC)		X	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	SCALAR		BY					
	VARY							
	CATS.							

L0006153	0	0.14270E-07	495362.7	3760000.3	705.0	3.49	4.00	3.25
YES								
L0006154	0	0.14270E-07	495356.5	3760006.2	704.6	3.49	4.00	3.25
YES								
L0006155	0	0.14270E-07	495350.7	3760012.6	703.5	3.49	4.00	3.25
YES								
L0006156	0	0.14270E-07	495344.9	3760018.9	702.5	3.49	4.00	3.25
YES								
L0006157	0	0.14270E-07	495339.9	3760025.8	701.7	3.49	4.00	3.25
YES								
L0006158	0	0.14270E-07	495335.5	3760033.2	701.0	3.49	4.00	3.25
YES								

L0006159 YES	0	0.14270E-07	495331.1	3760040.6	700.8	3.49	4.00	3.25
L0006160 YES	0	0.14270E-07	495326.8	3760048.0	700.8	3.49	4.00	3.25
L0006161 YES	0	0.14270E-07	495322.4	3760055.4	700.7	3.49	4.00	3.25
L0006162 YES	0	0.14270E-07	495318.0	3760062.8	700.5	3.49	4.00	3.25
L0006163 YES	0	0.14270E-07	495313.6	3760070.2	700.3	3.49	4.00	3.25
L0006164 YES	0	0.14270E-07	495310.2	3760078.1	700.4	3.49	4.00	3.25
L0006165 YES	0	0.14270E-07	495306.9	3760086.0	700.5	3.49	4.00	3.25
L0006166 YES	0	0.14270E-07	495303.6	3760093.9	700.5	3.49	4.00	3.25
L0006167 YES	0	0.14270E-07	495300.2	3760101.8	700.7	3.49	4.00	3.25
L0006168 YES	0	0.14270E-07	495296.9	3760109.7	701.0	3.49	4.00	3.25
L0006169 YES	0	0.14270E-07	495293.5	3760117.6	701.3	3.49	4.00	3.25
L0006170 YES	0	0.14270E-07	495290.2	3760125.5	701.6	3.49	4.00	3.25
L0006171 YES	0	0.14270E-07	495286.5	3760133.3	701.1	3.49	4.00	3.25
L0006172 YES	0	0.14270E-07	495282.8	3760141.1	700.6	3.49	4.00	3.25
L0006173 YES	0	0.14270E-07	495279.1	3760148.8	700.2	3.49	4.00	3.25
L0006174 YES	0	0.14270E-07	495275.5	3760156.6	699.8	3.49	4.00	3.25
L0006175 YES	0	0.14270E-07	495271.8	3760164.3	700.1	3.49	4.00	3.25
L0006176 YES	0	0.14270E-07	495268.1	3760172.1	700.3	3.49	4.00	3.25
L0006177 YES	0	0.14270E-07	495264.4	3760179.9	700.7	3.49	4.00	3.25
L0006178 YES	0	0.14270E-07	495260.7	3760187.6	701.0	3.49	4.00	3.25
L0006179 YES	0	0.14270E-07	495257.0	3760195.4	701.3	3.49	4.00	3.25
L0006180 YES	0	0.14270E-07	495253.4	3760203.1	701.6	3.49	4.00	3.25
L0006181 YES	0	0.14270E-07	495249.7	3760210.9	701.9	3.49	4.00	3.25
L0006182 YES	0	0.14270E-07	495246.0	3760218.7	702.5	3.49	4.00	3.25
L0006183 YES	0	0.14270E-07	495242.3	3760226.4	703.2	3.49	4.00	3.25
L0006184 YES	0	0.14270E-07	495238.6	3760234.2	704.0	3.49	4.00	3.25
L0006185 YES	0	0.14270E-07	495235.0	3760241.9	704.8	3.49	4.00	3.25
L0006186 YES	0	0.14270E-07	495231.6	3760249.9	705.2	3.49	4.00	3.25
L0006187 YES	0	0.14270E-07	495228.5	3760257.9	705.5	3.49	4.00	3.25
L0006188 YES	0	0.14270E-07	495225.3	3760265.8	705.7	3.49	4.00	3.25
L0006189 YES	0	0.14270E-07	495222.2	3760273.8	705.9	3.49	4.00	3.25
L0006190 YES	0	0.14270E-07	495219.1	3760281.9	706.3	3.49	4.00	3.25
L0006191 YES	0	0.14270E-07	495216.6	3760290.1	706.7	3.49	4.00	3.25







L0006238 YES	0	0.14270E-07	495064.6	3760662.6	720.5	3.49	4.00	3.25
L0006239 YES	0	0.14270E-07	495060.5	3760670.1	720.5	3.49	4.00	3.25
L0006240 YES	0	0.14270E-07	495056.4	3760677.6	720.4	3.49	4.00	3.25
L0006241 YES	0	0.14270E-07	495051.9	3760684.9	720.4	3.49	4.00	3.25
L0006242 YES	0	0.14270E-07	495047.3	3760692.2	720.3	3.49	4.00	3.25
L0006243 YES	0	0.14270E-07	495042.7	3760699.5	720.3	3.49	4.00	3.25
L0006244 YES	0	0.14270E-07	495038.2	3760706.8	720.2	3.49	4.00	3.25
L0006245 YES	0	0.14270E-07	495033.7	3760714.1	720.2	3.49	4.00	3.25
L0006246 YES	0	0.14270E-07	495029.4	3760721.6	720.2	3.49	4.00	3.25
L0006247 YES	0	0.14270E-07	495025.1	3760729.0	720.1	3.49	4.00	3.25
L0006248 YES	0	0.14270E-07	495020.8	3760736.4	720.0	3.49	4.00	3.25
L0006249 YES	0	0.14270E-07	495016.5	3760743.9	720.0	3.49	4.00	3.25
L0006250 YES	0	0.14270E-07	495012.2	3760751.3	720.0	3.49	4.00	3.25
L0006251 YES	0	0.14270E-07	495007.9	3760758.7	719.9	3.49	4.00	3.25
L0006252 YES	0	0.14270E-07	495003.6	3760766.1	719.9	3.49	4.00	3.25
L0006253 YES	0	0.14270E-07	494999.3	3760773.6	719.8	3.49	4.00	3.25
L0006254 YES	0	0.14270E-07	494995.0	3760781.0	719.8	3.49	4.00	3.25
L0006255 YES	0	0.14270E-07	494990.7	3760788.4	719.7	3.49	4.00	3.25
L0006256 YES	0	0.14270E-07	494986.4	3760795.9	719.7	3.49	4.00	3.25
L0006257 YES	0	0.14270E-07	494982.0	3760803.3	719.6	3.49	4.00	3.25
L0006258 YES	0	0.14270E-07	494977.9	3760810.8	719.7	3.49	4.00	3.25
L0006259 YES	0	0.14270E-07	494973.9	3760818.4	719.7	3.49	4.00	3.25
L0006260 YES	0	0.14270E-07	494969.8	3760826.0	719.4	3.49	4.00	3.25
L0006261 YES	0	0.14270E-07	494965.8	3760833.6	719.2	3.49	4.00	3.25
L0006262 YES	0	0.14270E-07	494961.8	3760841.2	719.1	3.49	4.00	3.25
L0006263 YES	0	0.14270E-07	494957.8	3760848.8	718.6	3.49	4.00	3.25
L0006264 YES	0	0.14270E-07	494953.8	3760856.4	717.3	3.49	4.00	3.25
L0006265 YES	0	0.14270E-07	494949.8	3760864.0	716.0	3.49	4.00	3.25
L0006266 YES	0	0.14270E-07	494945.9	3760871.6	714.3	3.49	4.00	3.25
L0006267 YES	0	0.14270E-07	494941.9	3760879.3	712.9	3.49	4.00	3.25
L0006268 YES	0	0.14270E-07	494938.0	3760886.9	712.0	3.49	4.00	3.25
L0006269 YES	0	0.14270E-07	494934.1	3760894.5	711.2	3.49	4.00	3.25
L0006270 YES	0	0.14270E-07	494930.2	3760902.2	710.5	3.49	4.00	3.25



L0006294	0	0.14270E-07	494851.5	3761092.6	714.4	3.49	4.00	3.25
YES								
L0006295	0	0.14270E-07	494848.6	3761100.7	715.0	3.49	4.00	3.25
YES								
L0006296	0	0.14270E-07	494845.6	3761108.7	715.5	3.49	4.00	3.25
YES								
L0006297	0	0.14270E-07	494842.7	3761116.8	716.0	3.49	4.00	3.25
YES								
L0006298	0	0.14270E-07	494839.6	3761124.8	716.1	3.49	4.00	3.25
YES								
L0006299	0	0.14270E-07	494836.3	3761132.7	716.1	3.49	4.00	3.25
YES								
L0006300	0	0.14270E-07	494833.0	3761140.7	716.1	3.49	4.00	3.25
YES								
L0006301	0	0.14270E-07	494829.7	3761148.6	716.1	3.49	4.00	3.25
YES								
L0006302	0	0.14270E-07	494826.4	3761156.5	716.6	3.49	4.00	3.25
YES								
L0006303	0	0.14270E-07	494823.1	3761164.4	717.1	3.49	4.00	3.25
YES								
L0006304	0	0.14270E-07	494819.8	3761172.4	717.6	3.49	4.00	3.25
YES								
L0006305	0	0.14270E-07	494816.4	3761180.3	717.9	3.49	4.00	3.25
YES								
L0006306	0	0.14270E-07	494812.0	3761187.6	718.2	3.49	4.00	3.25
YES								
L0006307	0	0.14270E-07	494807.3	3761194.8	718.5	3.49	4.00	3.25
YES								
L0006308	0	0.14270E-07	494802.6	3761202.0	718.8	3.49	4.00	3.25
YES								
L0006309	0	0.14270E-07	494797.3	3761208.6	719.2	3.49	4.00	3.25
YES								
L0006310	0	0.14270E-07	494790.0	3761213.2	719.8	3.49	4.00	3.25
YES								
L0006311	0	0.14270E-07	494782.8	3761217.8	720.4	3.49	4.00	3.25
YES								
L0006312	0	0.14270E-07	494775.3	3761222.1	721.1	3.49	4.00	3.25
YES								

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* VOLUME SOURCE DATA \*\*\*

SOURCE	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION RATE			ELEV.	HEIGHT	SY	SZ
ID	PART.	(GRAMS/SEC)	X	Y	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	SCALAR VARY							
	CATS.	BY						

L0006313	0	0.14270E-07	494771.5	3761228.8	721.6	3.49	4.00	3.25
YES								
L0006314	0	0.14270E-07	494770.5	3761237.3	722.0	3.49	4.00	3.25
YES								
L0006315	0	0.14270E-07	494769.6	3761245.9	722.1	3.49	4.00	3.25
YES								
L0006316	0	0.14270E-07	494768.6	3761254.4	722.1	3.49	4.00	3.25
YES								

L0006317 YES	0	0.14270E-07	494767.6	3761262.9	722.3	3.49	4.00	3.25
L0006318 YES	0	0.14270E-07	494766.6	3761271.5	722.4	3.49	4.00	3.25
L0006319 YES	0	0.14270E-07	494765.7	3761280.0	722.6	3.49	4.00	3.25
L0006320 YES	0	0.14270E-07	494764.7	3761288.5	722.8	3.49	4.00	3.25
L0006321 YES	0	0.14270E-07	494763.2	3761296.9	723.3	3.49	4.00	3.25
L0006322 YES	0	0.14270E-07	494760.6	3761305.1	724.4	3.49	4.00	3.25
L0006323 YES	0	0.14270E-07	494758.1	3761313.3	725.5	3.49	4.00	3.25
L0006324 YES	0	0.14270E-07	494755.5	3761321.5	726.6	3.49	4.00	3.25
L0006325 YES	0	0.14270E-07	494752.9	3761329.7	727.8	3.49	4.00	3.25
L0006326 YES	0	0.14270E-07	494750.3	3761337.9	729.1	3.49	4.00	3.25
L0006327 YES	0	0.14270E-07	494747.5	3761346.0	730.2	3.49	4.00	3.25
L0006328 YES	0	0.14270E-07	494744.4	3761354.0	730.9	3.49	4.00	3.25
L0006329 YES	0	0.14270E-07	494741.3	3761362.0	731.2	3.49	4.00	3.25
L0006330 YES	0	0.14270E-07	494738.2	3761370.1	731.5	3.49	4.00	3.25
L0006331 YES	0	0.14270E-07	494735.1	3761378.1	731.8	3.49	4.00	3.25
L0006332 YES	0	0.14270E-07	494732.0	3761386.1	732.0	3.49	4.00	3.25
L0006333 YES	0	0.14270E-07	494728.8	3761394.1	732.4	3.49	4.00	3.25
L0006334 YES	0	0.14270E-07	494725.7	3761402.1	732.8	3.49	4.00	3.25
L0006335 YES	0	0.14270E-07	494722.6	3761410.1	733.3	3.49	4.00	3.25
L0006336 YES	0	0.14270E-07	494719.5	3761418.1	733.7	3.49	4.00	3.25
L0006337 YES	0	0.14270E-07	494716.4	3761426.1	733.6	3.49	4.00	3.25
L0006338 YES	0	0.14270E-07	494713.3	3761434.1	733.4	3.49	4.00	3.25
L0006339 YES	0	0.14270E-07	494710.1	3761442.1	733.1	3.49	4.00	3.25
L0006340 YES	0	0.14270E-07	494707.0	3761450.1	732.9	3.49	4.00	3.25
L0006341 YES	0	0.14270E-07	494703.9	3761458.1	732.9	3.49	4.00	3.25
L0006342 YES	0	0.14270E-07	494700.7	3761466.1	732.9	3.49	4.00	3.25
L0006343 YES	0	0.14270E-07	494697.6	3761474.1	733.0	3.49	4.00	3.25
L0006344 YES	0	0.14270E-07	494694.4	3761482.1	733.0	3.49	4.00	3.25
L0006345 YES	0	0.14270E-07	494691.3	3761490.1	733.0	3.49	4.00	3.25
L0006346 YES	0	0.14270E-07	494688.1	3761498.1	733.0	3.49	4.00	3.25
L0006347 YES	0	0.14270E-07	494685.0	3761506.1	733.0	3.49	4.00	3.25
L0006348 YES	0	0.14270E-07	494681.8	3761514.0	733.0	3.49	4.00	3.25
L0006349 YES	0	0.14270E-07	494678.7	3761522.0	732.9	3.49	4.00	3.25



L0006373	0	0.14270E-07	494602.2	3761713.5	733.9	3.49	4.00	3.25
YES								
L0006374	0	0.14270E-07	494598.9	3761721.4	734.2	3.49	4.00	3.25
YES								
L0006375	0	0.17350E-06	496205.4	3759154.9	695.0	3.49	6.51	3.25
YES								
L0006376	0	0.17350E-06	496216.0	3759145.7	695.0	3.49	6.51	3.25
YES								
L0006377	0	0.17350E-06	496226.5	3759136.6	695.0	3.49	6.51	3.25
YES								
L0006378	0	0.17350E-06	496237.1	3759127.4	695.0	3.49	6.51	3.25
YES								
L0006379	0	0.17350E-06	496247.7	3759118.3	695.0	3.49	6.51	3.25
YES								
L0006380	0	0.17350E-06	496258.3	3759109.1	695.0	3.49	6.51	3.25
YES								
L0006381	0	0.17350E-06	496268.9	3759100.0	695.0	3.49	6.51	3.25
YES								
L0006382	0	0.17350E-06	496279.5	3759090.8	695.0	3.49	6.51	3.25
YES								
L0006383	0	0.17350E-06	496289.6	3759081.1	695.0	3.49	6.51	3.25
YES								
L0006384	0	0.17350E-06	496299.7	3759071.4	695.0	3.49	6.51	3.25
YES								
L0006385	0	0.17350E-06	496309.8	3759061.7	695.0	3.49	6.51	3.25
YES								
L0006386	0	0.17350E-06	496319.9	3759052.0	695.0	3.49	6.51	3.25
YES								
L0006387	0	0.17350E-06	496330.0	3759042.3	695.1	3.49	6.51	3.25
YES								
L0006388	0	0.17350E-06	496340.1	3759032.6	695.3	3.49	6.51	3.25
YES								
L0006389	0	0.17350E-06	496350.2	3759022.9	695.3	3.49	6.51	3.25
YES								
L0006390	0	0.17350E-06	496360.3	3759013.2	695.2	3.49	6.51	3.25
YES								
L0006391	0	0.17350E-06	496370.4	3759003.5	695.7	3.49	6.51	3.25
YES								
L0006392	0	0.17350E-06	496380.8	3758994.2	696.0	3.49	6.51	3.25
YES								

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK VALLEY\13594 OPS\1359 \*\*\* 07/19/23

\*\*\* AERMET - VERSION 16216 \*\*\*

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* VOLUME SOURCE DATA \*\*\*

SOURCE	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION RATE			ELEV.	HEIGHT	SY	SZ
ID	PART.	(GRAMS/SEC)	X	Y	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	SCALAR VARY	BY						
	ID	CATS.						

L0006393	0	0.17350E-06	496391.3	3758985.0	696.1	3.49	6.51	3.25
YES								
L0006394	0	0.17350E-06	496401.9	3758975.7	697.0	3.49	6.51	3.25
YES								
L0006395	0	0.17350E-06	496412.4	3758966.5	698.0	3.49	6.51	3.25
YES								

L0006396 YES	0	0.17350E-06	496422.9	3758957.3	698.8	3.49	6.51	3.25
L0006397 YES	0	0.17350E-06	496433.5	3758948.1	698.9	3.49	6.51	3.25
L0006398 YES	0	0.17350E-06	496444.0	3758938.8	699.2	3.49	6.51	3.25
L0006399 YES	0	0.17350E-06	496454.5	3758929.6	699.9	3.49	6.51	3.25
L0006400 YES	0	0.17350E-06	496465.1	3758920.4	700.9	3.49	6.51	3.25
L0006401 YES	0	0.17350E-06	496475.6	3758911.2	701.5	3.49	6.51	3.25
L0006402 YES	0	0.17350E-06	496486.1	3758901.9	701.8	3.49	6.51	3.25
L0006403 YES	0	0.17350E-06	496496.8	3758892.9	702.3	3.49	6.51	3.25
L0006404 YES	0	0.17350E-06	496507.5	3758883.9	702.9	3.49	6.51	3.25
L0006405 YES	0	0.17350E-06	496518.2	3758874.9	703.5	3.49	6.51	3.25
L0006406 YES	0	0.17350E-06	496529.0	3758865.9	704.0	3.49	6.51	3.25
L0006407 YES	0	0.17350E-06	496539.7	3758856.9	704.6	3.49	6.51	3.25
L0006408 YES	0	0.17350E-06	496550.7	3758848.2	704.8	3.49	6.51	3.25
L0006409 YES	0	0.17350E-06	496562.0	3758840.0	705.0	3.49	6.51	3.25
L0006410 YES	0	0.17350E-06	496573.3	3758831.8	705.0	3.49	6.51	3.25
L0006411 YES	0	0.17350E-06	496584.6	3758823.5	704.9	3.49	6.51	3.25
L0006412 YES	0	0.17350E-06	496596.4	3758815.9	704.8	3.49	6.51	3.25
L0006413 YES	0	0.17350E-06	496608.3	3758808.5	704.9	3.49	6.51	3.25
L0006414 YES	0	0.17350E-06	496620.3	3758801.4	705.2	3.49	6.51	3.25
L0006415 YES	0	0.17350E-06	496632.9	3758795.2	705.3	3.49	6.51	3.25
L0006416 YES	0	0.17350E-06	496645.4	3758789.0	705.3	3.49	6.51	3.25
L0006417 YES	0	0.17350E-06	496658.2	3758783.4	705.1	3.49	6.51	3.25
L0006418 YES	0	0.17350E-06	496671.5	3758779.0	705.0	3.49	6.51	3.25
L0006419 YES	0	0.17350E-06	496684.8	3758774.7	705.1	3.49	6.51	3.25
L0006420 YES	0	0.17350E-06	496698.1	3758770.4	705.4	3.49	6.51	3.25
L0006421 YES	0	0.17350E-06	496711.5	3758766.0	705.8	3.49	6.51	3.25
L0006422 YES	0	0.17350E-06	496724.8	3758761.9	706.0	3.49	6.51	3.25
L0006423 YES	0	0.17350E-06	496738.5	3758758.7	706.0	3.49	6.51	3.25
L0006424 YES	0	0.17350E-06	496752.1	3758755.5	706.0	3.49	6.51	3.25
L0006425 YES	0	0.17350E-06	496765.7	3758752.2	706.1	3.49	6.51	3.25
L0006426 YES	0	0.17350E-06	496779.3	3758749.0	706.1	3.49	6.51	3.25
L0006427 YES	0	0.17350E-06	496793.0	3758745.8	706.4	3.49	6.51	3.25
L0006428 YES	0	0.17350E-06	496806.5	3758742.2	706.9	3.49	6.51	3.25





L0006452	0	0.14270E-07	497013.9	3758664.1	714.8	3.49	4.00	3.25
YES								
L0006453	0	0.14270E-07	497022.4	3758664.4	715.1	3.49	4.00	3.25
YES								
L0006454	0	0.14270E-07	497031.0	3758664.6	715.3	3.49	4.00	3.25
YES								
L0006455	0	0.14270E-07	497039.6	3758664.9	715.6	3.49	4.00	3.25
YES								
L0006456	0	0.14270E-07	497048.2	3758665.2	715.9	3.49	4.00	3.25
YES								
L0006457	0	0.14270E-07	497056.8	3758665.4	716.5	3.49	4.00	3.25
YES								
L0006458	0	0.14270E-07	497065.4	3758665.7	717.1	3.49	4.00	3.25
YES								
L0006459	0	0.14270E-07	497074.0	3758666.0	717.8	3.49	4.00	3.25
YES								
L0006460	0	0.14270E-07	497082.5	3758666.2	718.3	3.49	4.00	3.25
YES								
L0006461	0	0.14270E-07	497091.1	3758666.5	718.3	3.49	4.00	3.25
YES								
L0006462	0	0.14270E-07	497099.7	3758666.8	718.3	3.49	4.00	3.25
YES								
L0006463	0	0.14270E-07	497108.3	3758667.1	718.4	3.49	4.00	3.25
YES								
L0006464	0	0.14270E-07	497116.9	3758667.3	718.4	3.49	4.00	3.25
YES								
L0006465	0	0.14270E-07	497125.5	3758667.6	718.4	3.49	4.00	3.25
YES								
L0006466	0	0.14270E-07	497134.1	3758667.9	718.4	3.49	4.00	3.25
YES								
L0006467	0	0.14270E-07	497142.6	3758668.1	718.5	3.49	4.00	3.25
YES								
L0006468	0	0.14270E-07	497151.2	3758668.4	718.8	3.49	4.00	3.25
YES								
L0006469	0	0.14270E-07	497159.8	3758668.7	719.1	3.49	4.00	3.25
YES								
L0006470	0	0.14270E-07	497168.4	3758668.9	719.4	3.49	4.00	3.25
YES								
L0006471	0	0.14270E-07	497177.0	3758669.2	719.9	3.49	4.00	3.25
YES								
L0006472	0	0.14270E-07	497185.6	3758669.5	720.4	3.49	4.00	3.25
YES								

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK VALLEY\13594 OPS\1359 \*\*\* 07/19/23

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* VOLUME SOURCE DATA \*\*\*

SOURCE	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION RATE			ELEV.	HEIGHT	SY	SZ
ID	PART.	(GRAMS/SEC)	X	Y	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	SCALAR VARY	CATS.	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
		BY						

L0006473	0	0.14270E-07	497194.2	3758669.7	721.0	3.49	4.00	3.25
YES								
L0006474	0	0.92290E-07	496872.4	3758658.5	710.0	3.49	4.00	3.25
YES								





L0006531	0	0.23230E-07	496451.6	3758273.1	719.0	3.49	6.51	3.25
YES								
L0006532	0	0.23230E-07	496450.3	3758259.2	718.8	3.49	6.51	3.25
YES								
L0006533	0	0.23230E-07	496448.9	3758245.2	718.3	3.49	6.51	3.25
YES								
L0006534	0	0.88420E-07	496195.3	3759163.8	695.0	3.49	6.51	3.25
YES								
L0006535	0	0.88420E-07	496184.2	3759172.4	695.0	3.49	6.51	3.25
YES								
L0006536	0	0.88420E-07	496173.1	3759181.0	695.0	3.49	6.51	3.25
YES								
L0006537	0	0.88420E-07	496162.1	3759189.5	695.0	3.49	6.51	3.25
YES								
L0006538	0	0.88420E-07	496150.9	3759198.0	695.0	3.49	6.51	3.25
YES								
L0006539	0	0.88420E-07	496139.8	3759206.5	695.0	3.49	6.51	3.25
YES								
L0006540	0	0.88420E-07	496128.3	3759214.5	695.0	3.49	6.51	3.25
YES								
L0006541	0	0.88420E-07	496116.6	3759222.3	695.0	3.49	6.51	3.25
YES								
L0006542	0	0.88420E-07	496104.8	3759229.7	695.0	3.49	6.51	3.25
YES								
L0006543	0	0.88420E-07	496092.7	3759236.7	695.0	3.49	6.51	3.25
YES								
L0006544	0	0.88420E-07	496080.6	3759243.8	695.0	3.49	6.51	3.25
YES								
L0006545	0	0.88420E-07	496068.5	3759250.8	695.0	3.49	6.51	3.25
YES								
L0006546	0	0.88420E-07	496056.2	3759257.5	695.0	3.49	6.51	3.25
YES								
L0006547	0	0.88420E-07	496043.8	3759264.0	694.7	3.49	6.51	3.25
YES								
L0006548	0	0.88420E-07	496031.4	3759270.6	694.5	3.49	6.51	3.25
YES								
L0006549	0	0.88420E-07	496019.1	3759277.2	694.3	3.49	6.51	3.25
YES								
L0006550	0	0.88420E-07	496006.8	3759283.8	694.1	3.49	6.51	3.25
YES								
L0006551	0	0.88420E-07	495994.5	3759290.5	694.0	3.49	6.51	3.25
YES								
L0006552	0	0.88420E-07	495982.2	3759297.2	694.0	3.49	6.51	3.25
YES								

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK VALLEY\13594 OPS\1359 \*\*\* 07/19/23

\*\*\* AERMET - VERSION 16216 \*\*\*

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\*\*\* MODELOPTs: RegDFault CONC ELEV URBAN ADJ\_U\*

\*\*\* VOLUME SOURCE DATA \*\*\*

SOURCE	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION RATE			ELEV.	HEIGHT	SY	SZ
ID	PART.	(GRAMS/SEC)	X	Y	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	SCALAR VARY	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
	CATS.							

L0006553	0	0.88420E-07	495969.9	3759303.9	694.0	3.49	6.51	3.25
YES								





L0006610	0	0.14170E-07	495249.0	3759812.4	695.0	3.49	4.00	3.25
YES								
L0006611	0	0.14170E-07	495240.6	3759810.6	694.8	3.49	4.00	3.25
YES								
L0006612	0	0.14170E-07	495232.2	3759808.7	694.6	3.49	4.00	3.25
YES								
L0006613	0	0.14170E-07	495223.8	3759806.9	694.4	3.49	4.00	3.25
YES								
L0006614	0	0.14170E-07	495215.4	3759805.1	694.2	3.49	4.00	3.25
YES								
L0006615	0	0.14170E-07	495207.0	3759803.3	694.1	3.49	4.00	3.25
YES								
L0006616	0	0.14170E-07	495198.7	3759801.3	694.0	3.49	4.00	3.25
YES								
L0006617	0	0.14170E-07	495190.9	3759797.7	694.0	3.49	4.00	3.25
YES								
L0006618	0	0.14170E-07	495183.1	3759794.1	693.1	3.49	4.00	3.25
YES								
L0006619	0	0.14170E-07	495175.2	3759790.6	692.0	3.49	4.00	3.25
YES								
L0006620	0	0.14170E-07	495167.4	3759787.0	691.0	3.49	4.00	3.25
YES								
L0006621	0	0.14170E-07	495159.9	3759782.8	690.1	3.49	4.00	3.25
YES								
L0006622	0	0.14170E-07	495152.7	3759778.3	689.2	3.49	4.00	3.25
YES								
L0006623	0	0.14170E-07	495145.4	3759773.7	688.4	3.49	4.00	3.25
YES								
L0006624	0	0.14170E-07	495138.1	3759769.2	687.6	3.49	4.00	3.25
YES								
L0006625	0	0.14170E-07	495130.8	3759764.6	687.0	3.49	4.00	3.25
YES								
L0006626	0	0.14170E-07	495124.4	3759758.9	686.6	3.49	4.00	3.25
YES								
L0006627	0	0.14170E-07	495118.1	3759753.1	686.1	3.49	4.00	3.25
YES								
L0006628	0	0.14170E-07	495111.7	3759747.3	685.8	3.49	4.00	3.25
YES								
L0006629	0	0.14170E-07	495105.5	3759741.4	685.3	3.49	4.00	3.25
YES								
L0006630	0	0.14170E-07	495099.6	3759735.2	684.9	3.49	4.00	3.25
YES								
L0006631	0	0.14170E-07	495093.7	3759728.9	684.5	3.49	4.00	3.25
YES								
L0006632	0	0.14170E-07	495087.8	3759722.7	684.1	3.49	4.00	3.25
YES								

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*** AERMOD - VERSION 22112 ***      *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK
VALLEY\13594 OPS\1359 ***          07/19/23
*** AERMET - VERSION 16216 ***
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\*\*\* MODELOPTs: RegDFault CONC ELEV URBAN ADJ\_U\*

\*\*\* VOLUME SOURCE DATA \*\*\*

SOURCE	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ
ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	
(METERS)		BY						

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L0006633 YES	0	0.14170E-07	495081.9	3759716.5	683.7	3.49	4.00	3.25
L0006634 YES	0	0.14170E-07	495075.9	3759710.2	683.3	3.49	4.00	3.25
L0006635 YES	0	0.14170E-07	495070.0	3759704.0	682.9	3.49	4.00	3.25
L0006636 YES	0	0.14170E-07	495064.1	3759697.8	682.7	3.49	4.00	3.25
L0006637 YES	0	0.14170E-07	495058.2	3759691.5	682.5	3.49	4.00	3.25
L0006638 YES	0	0.14170E-07	495052.3	3759685.3	682.3	3.49	4.00	3.25
L0006639 YES	0	0.14170E-07	495046.4	3759679.1	682.1	3.49	4.00	3.25
L0006640 YES	0	0.14170E-07	495040.5	3759672.8	681.9	3.49	4.00	3.25
L0006641 YES	0	0.14170E-07	495034.6	3759666.6	681.7	3.49	4.00	3.25
L0006642 YES	0	0.14170E-07	495028.7	3759660.4	681.5	3.49	4.00	3.25
L0006643 YES	0	0.14170E-07	495022.8	3759654.1	681.3	3.49	4.00	3.25
L0006644 YES	0	0.14170E-07	495016.9	3759647.9	681.1	3.49	4.00	3.25
L0006645 YES	0	0.14170E-07	495011.0	3759641.6	680.8	3.49	4.00	3.25
L0006646 YES	0	0.14170E-07	495005.1	3759635.4	680.5	3.49	4.00	3.25
L0006647 YES	0	0.14170E-07	494999.1	3759629.2	680.1	3.49	4.00	3.25
L0006648 YES	0	0.14170E-07	494993.2	3759622.9	679.6	3.49	4.00	3.25
L0007013 YES	0	0.83100E-07	495733.5	3759729.3	701.8	3.49	4.00	3.25
L0007014 YES	0	0.83100E-07	495742.0	3759730.6	701.9	3.49	4.00	3.25
L0007015 YES	0	0.83100E-07	495750.4	3759731.9	701.9	3.49	4.00	3.25
L0007016 YES	0	0.83100E-07	495758.9	3759733.2	702.0	3.49	4.00	3.25
L0007017 YES	0	0.83100E-07	495767.4	3759734.6	702.2	3.49	4.00	3.25
L0007018 YES	0	0.83100E-07	495775.9	3759735.9	702.5	3.49	4.00	3.25
L0007019 YES	0	0.83100E-07	495784.4	3759737.2	702.8	3.49	4.00	3.25
L0007020 YES	0	0.83100E-07	495792.9	3759738.6	703.1	3.49	4.00	3.25
L0007021 YES	0	0.83100E-07	495801.4	3759739.9	703.1	3.49	4.00	3.25
L0007022 YES	0	0.83100E-07	495809.5	3759742.2	703.2	3.49	4.00	3.25
L0007023 YES	0	0.83100E-07	495815.8	3759747.7	703.4	3.49	4.00	3.25
L0007024 YES	0	0.83100E-07	495819.5	3759755.4	703.6	3.49	4.00	3.25
L0007025 YES	0	0.83100E-07	495823.3	3759763.1	703.9	3.49	4.00	3.25
L0007026 YES	0	0.83100E-07	495830.6	3759764.4	704.0	3.49	4.00	3.25
L0007027 YES	0	0.83100E-07	495835.2	3759770.1	704.1	3.49	4.00	3.25
L0007028 YES	0	0.83100E-07	495841.8	3759769.4	704.1	3.49	4.00	3.25
L0007029 YES	0	0.83100E-07	495849.6	3759765.8	704.0	3.49	4.00	3.25



L0007053	0	0.83100E-07	496036.6	3759678.9	704.0	3.49	4.00	3.25
YES								
L0007054	0	0.83100E-07	496044.4	3759675.3	704.0	3.49	4.00	3.25
YES								
L0007055	0	0.83100E-07	496049.0	3759679.8	704.0	3.49	4.00	3.25
YES								
L0007056	0	0.83100E-07	496052.5	3759687.7	704.0	3.49	4.00	3.25
YES								
L0007057	0	0.83100E-07	496055.9	3759695.6	704.0	3.49	4.00	3.25
YES								
L0007058	0	0.83100E-07	496059.3	3759703.4	704.0	3.49	4.00	3.25
YES								
L0007059	0	0.83100E-07	496062.8	3759711.3	704.2	3.49	4.00	3.25
YES								
L0007060	0	0.83100E-07	496066.2	3759719.2	704.5	3.49	4.00	3.25
YES								
L0007061	0	0.83100E-07	496069.7	3759727.1	704.9	3.49	4.00	3.25
YES								
L0007062	0	0.78770E-07	495900.5	3759784.4	705.4	3.49	4.00	3.25
YES								
L0007063	0	0.78770E-07	495908.3	3759780.8	705.4	3.49	4.00	3.25
YES								
L0007064	0	0.78770E-07	495916.2	3759777.2	705.5	3.49	4.00	3.25
YES								
L0007065	0	0.78770E-07	495924.0	3759773.6	705.6	3.49	4.00	3.25
YES								
L0007066	0	0.78770E-07	495931.8	3759770.0	705.8	3.49	4.00	3.25
YES								
L0007067	0	0.78770E-07	495939.6	3759766.4	706.0	3.49	4.00	3.25
YES								
L0007068	0	0.78770E-07	495947.4	3759762.9	705.9	3.49	4.00	3.25
YES								
L0007069	0	0.78770E-07	495955.2	3759759.3	705.8	3.49	4.00	3.25
YES								
L0007070	0	0.78770E-07	495963.0	3759755.7	705.6	3.49	4.00	3.25
YES								
L0007071	0	0.78770E-07	495970.8	3759752.1	705.5	3.49	4.00	3.25
YES								
L0007072	0	0.78770E-07	495978.6	3759748.5	705.4	3.49	4.00	3.25
YES								
L0007073	0	0.78770E-07	495986.4	3759744.9	705.3	3.49	4.00	3.25
YES								
L0007074	0	0.78770E-07	495994.2	3759741.3	705.2	3.49	4.00	3.25
YES								
L0007075	0	0.78770E-07	496002.0	3759737.7	705.1	3.49	4.00	3.25
YES								
L0007076	0	0.78770E-07	496009.8	3759734.1	705.2	3.49	4.00	3.25
YES								

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*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK
VALLEY\13594 OPS\1359 *** 07/19/23
*** AERMET - VERSION 16216 ***
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* VOLUME SOURCE DATA \*\*\*

SOURCE	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ
ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)		BY						









L0007223	0	0.88940E-07	496400.3	3759577.6	709.3	3.49	4.00	3.25
YES								
L0007224	0	0.88940E-07	496408.1	3759574.1	709.6	3.49	4.00	3.25
YES								
L0007225	0	0.88940E-07	496415.9	3759570.5	709.8	3.49	4.00	3.25
YES								
L0007226	0	0.88940E-07	496423.7	3759567.0	710.1	3.49	4.00	3.25
YES								
L0007227	0	0.88940E-07	496431.6	3759563.4	710.4	3.49	4.00	3.25
YES								
L0007228	0	0.88940E-07	496439.4	3759559.9	710.6	3.49	4.00	3.25
YES								
L0007229	0	0.88940E-07	496447.2	3759556.3	710.9	3.49	4.00	3.25
YES								
L0007230	0	0.88940E-07	496455.0	3759552.7	711.1	3.49	4.00	3.25
YES								
L0007231	0	0.88940E-07	496462.8	3759549.2	711.3	3.49	4.00	3.25
YES								

\*\*\* AERMOD - VERSION 22112 \*\*\*      \*\*\* C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK VALLEY\13594 OPS\1359 \*\*\*      07/19/23

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\*\*\* MODELOPTs:      RegDFAULT    CONC    ELEV    URBAN    ADJ\_U\*

\*\*\* VOLUME SOURCE DATA \*\*\*

SOURCE	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION	RATE		ELEV.	HEIGHT	SY	SZ
ID	PART.	(GRAMS/SEC)		X				
(METERS)	SCALAR			(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
	VARY		BY					
	CATS.							

L0007232	0	0.88940E-07	496470.7	3759545.6	711.6	3.49	4.00	3.25
YES								
L0007233	0	0.88940E-07	496478.5	3759542.1	711.9	3.49	4.00	3.25
YES								
L0007234	0	0.88940E-07	496486.3	3759538.5	712.4	3.49	4.00	3.25
YES								
L0007235	0	0.88940E-07	496494.1	3759535.0	712.9	3.49	4.00	3.25
YES								
L0007236	0	0.88940E-07	496501.9	3759531.4	713.4	3.49	4.00	3.25
YES								
L0007237	0	0.88940E-07	496509.8	3759527.9	713.9	3.49	4.00	3.25
YES								
L0007238	0	0.88940E-07	496517.6	3759524.3	714.5	3.49	4.00	3.25
YES								
L0007239	0	0.88940E-07	496525.4	3759520.8	715.0	3.49	4.00	3.25
YES								
L0007240	0	0.88940E-07	496533.2	3759517.2	715.5	3.49	4.00	3.25
YES								
L0007241	0	0.89910E-07	496139.2	3759633.7	701.6	3.49	4.00	3.25
YES								
L0007242	0	0.89910E-07	496147.0	3759630.2	701.5	3.49	4.00	3.25
YES								
L0007243	0	0.89910E-07	496154.8	3759626.6	701.4	3.49	4.00	3.25
YES								
L0007244	0	0.89910E-07	496162.7	3759623.0	701.5	3.49	4.00	3.25
YES								
L0007245	0	0.89910E-07	496170.5	3759619.5	701.7	3.49	4.00	3.25
YES								



L0007246	0	0.89910E-07	496178.3	3759615.9	701.9	3.49	4.00	3.25
YES								
L0007247	0	0.89910E-07	496186.1	3759612.3	702.0	3.49	4.00	3.25
YES								
L0007248	0	0.89910E-07	496193.9	3759608.7	702.1	3.49	4.00	3.25
YES								
L0007249	0	0.89910E-07	496201.7	3759605.2	702.1	3.49	4.00	3.25
YES								
L0007250	0	0.89910E-07	496209.5	3759601.6	702.0	3.49	4.00	3.25
YES								
L0007251	0	0.89910E-07	496217.3	3759598.0	701.9	3.49	4.00	3.25
YES								
L0007252	0	0.89910E-07	496225.2	3759594.5	701.9	3.49	4.00	3.25
YES								
L0007253	0	0.89910E-07	496233.0	3759590.9	701.9	3.49	4.00	3.25
YES								
L0007254	0	0.89910E-07	496240.8	3759587.3	702.0	3.49	4.00	3.25
YES								
L0007255	0	0.89910E-07	496248.6	3759583.8	702.3	3.49	4.00	3.25
YES								
L0007256	0	0.89910E-07	496256.4	3759580.2	702.5	3.49	4.00	3.25
YES								
L0007257	0	0.89910E-07	496264.2	3759576.6	702.8	3.49	4.00	3.25
YES								
L0007258	0	0.89910E-07	496272.0	3759573.1	703.1	3.49	4.00	3.25
YES								
L0007259	0	0.89910E-07	496279.9	3759569.5	703.6	3.49	4.00	3.25
YES								
L0007260	0	0.89910E-07	496287.7	3759565.9	704.1	3.49	4.00	3.25
YES								
L0007261	0	0.89910E-07	496295.5	3759562.4	704.7	3.49	4.00	3.25
YES								
L0007262	0	0.89910E-07	496303.3	3759558.8	705.2	3.49	4.00	3.25
YES								
L0007263	0	0.89910E-07	496311.1	3759555.2	705.7	3.49	4.00	3.25
YES								
L0007264	0	0.89910E-07	496318.9	3759551.6	706.1	3.49	4.00	3.25
YES								
L0007265	0	0.89910E-07	496326.7	3759548.1	706.5	3.49	4.00	3.25
YES								
L0007266	0	0.89910E-07	496334.6	3759544.5	706.8	3.49	4.00	3.25
YES								
L0007267	0	0.89910E-07	496342.4	3759540.9	706.9	3.49	4.00	3.25
YES								
L0007268	0	0.89910E-07	496350.2	3759537.4	707.0	3.49	4.00	3.25
YES								
L0007269	0	0.89910E-07	496358.0	3759533.8	707.2	3.49	4.00	3.25
YES								
L0007270	0	0.89910E-07	496365.8	3759530.2	707.3	3.49	4.00	3.25
YES								
L0007271	0	0.89910E-07	496373.6	3759526.7	707.5	3.49	4.00	3.25
YES								

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* VOLUME SOURCE DATA \*\*\*

SOURCE	NUMBER	EMISSION RATE	BASE	RELEASE	INIT.	INIT.		
	URBAN	EMISSION RATE						
	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ

SOURCE ID (METERS)	SCALAR CATS.	VARY BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	
L0007272 YES	0	0.89910E-07	496381.4	3759523.1	707.6	3.49	4.00	3.25
L0007273 YES	0	0.89910E-07	496389.2	3759519.5	707.8	3.49	4.00	3.25
L0007274 YES	0	0.89910E-07	496397.1	3759516.0	707.9	3.49	4.00	3.25
L0007275 YES	0	0.89910E-07	496404.9	3759512.4	708.0	3.49	4.00	3.25
L0007276 YES	0	0.89910E-07	496412.7	3759508.8	708.2	3.49	4.00	3.25
L0007277 YES	0	0.89910E-07	496420.5	3759505.3	708.3	3.49	4.00	3.25
L0007278 YES	0	0.89910E-07	496428.3	3759501.7	708.7	3.49	4.00	3.25
L0007279 YES	0	0.89910E-07	496436.1	3759498.1	709.1	3.49	4.00	3.25
L0007280 YES	0	0.89910E-07	496443.9	3759494.5	709.5	3.49	4.00	3.25
L0007281 YES	0	0.89910E-07	496451.8	3759491.0	709.9	3.49	4.00	3.25
L0007282 YES	0	0.89910E-07	496459.6	3759487.4	710.4	3.49	4.00	3.25
L0007283 YES	0	0.89910E-07	496467.4	3759483.8	710.9	3.49	4.00	3.25
L0007284 YES	0	0.89910E-07	496475.2	3759480.3	711.6	3.49	4.00	3.25
L0007285 YES	0	0.89910E-07	496483.0	3759476.7	712.2	3.49	4.00	3.25
L0007286 YES	0	0.89910E-07	496490.8	3759473.1	712.7	3.49	4.00	3.25
L0007287 YES	0	0.85500E-07	496150.0	3759689.1	703.4	3.49	4.00	3.25
L0007288 YES	0	0.85500E-07	496146.5	3759681.3	703.3	3.49	4.00	3.25
L0007289 YES	0	0.85500E-07	496143.0	3759673.4	703.1	3.49	4.00	3.25
L0007290 YES	0	0.85500E-07	496139.5	3759665.6	702.9	3.49	4.00	3.25
L0007291 YES	0	0.85500E-07	496136.0	3759657.7	702.6	3.49	4.00	3.25
L0007292 YES	0	0.85500E-07	496132.5	3759649.9	702.2	3.49	4.00	3.25
L0007293 YES	0	0.73920E-07	496179.4	3759721.1	704.5	3.49	4.00	3.25
L0007294 YES	0	0.73920E-07	496187.2	3759717.5	704.4	3.49	4.00	3.25
L0007295 YES	0	0.73920E-07	496194.9	3759713.8	704.2	3.49	4.00	3.25
L0007296 YES	0	0.73920E-07	496202.7	3759710.2	704.1	3.49	4.00	3.25
L0007297 YES	0	0.73920E-07	496210.5	3759706.5	704.0	3.49	4.00	3.25
L0007298 YES	0	0.73920E-07	496218.3	3759702.8	704.2	3.49	4.00	3.25
L0007299 YES	0	0.73920E-07	496226.0	3759699.2	704.4	3.49	4.00	3.25
L0007300 YES	0	0.73920E-07	496233.8	3759695.5	704.5	3.49	4.00	3.25
L0007301 YES	0	0.73920E-07	496241.6	3759691.9	704.5	3.49	4.00	3.25



L0007325	0	0.73920E-07	496428.1	3759604.1	710.9	3.49	4.00	3.25
YES								
L0007326	0	0.73920E-07	496435.9	3759600.5	711.0	3.49	4.00	3.25
YES								
L0007327	0	0.73920E-07	496443.7	3759596.8	711.1	3.49	4.00	3.25
YES								
L0007328	0	0.73920E-07	496451.5	3759593.2	711.3	3.49	4.00	3.25
YES								
L0007329	0	0.82830E-07	496423.4	3759360.5	706.5	3.49	4.00	3.25
YES								
L0007330	0	0.82830E-07	496415.5	3759364.1	706.6	3.49	4.00	3.25
YES								
L0007331	0	0.82830E-07	496407.7	3759367.7	706.7	3.49	4.00	3.25
YES								
L0007332	0	0.82830E-07	496399.9	3759371.2	706.8	3.49	4.00	3.25
YES								
L0007333	0	0.82830E-07	496392.1	3759374.8	706.9	3.49	4.00	3.25
YES								
L0007334	0	0.82830E-07	496384.3	3759378.3	706.6	3.49	4.00	3.25
YES								
L0007335	0	0.82830E-07	496376.5	3759381.9	706.1	3.49	4.00	3.25
YES								
L0007336	0	0.82830E-07	496368.6	3759385.5	705.5	3.49	4.00	3.25
YES								
L0007337	0	0.82830E-07	496360.8	3759389.0	705.0	3.49	4.00	3.25
YES								
L0007338	0	0.82830E-07	496353.0	3759392.6	704.8	3.49	4.00	3.25
YES								
L0007339	0	0.82830E-07	496345.2	3759396.1	704.5	3.49	4.00	3.25
YES								
L0007340	0	0.82830E-07	496343.4	3759402.1	704.4	3.49	4.00	3.25
YES								
L0007341	0	0.82830E-07	496346.8	3759410.0	704.5	3.49	4.00	3.25
YES								
L0007342	0	0.82830E-07	496352.8	3759411.2	704.7	3.49	4.00	3.25
YES								
L0007343	0	0.82830E-07	496360.6	3759407.6	705.0	3.49	4.00	3.25
YES								
L0007344	0	0.82830E-07	496368.4	3759404.0	705.5	3.49	4.00	3.25
YES								
L0007345	0	0.82830E-07	496376.2	3759400.4	706.0	3.49	4.00	3.25
YES								
L0007346	0	0.82830E-07	496384.0	3759396.8	706.6	3.49	4.00	3.25
YES								
L0007347	0	0.82830E-07	496391.8	3759393.2	707.0	3.49	4.00	3.25
YES								
L0007348	0	0.82830E-07	496399.6	3759389.7	707.3	3.49	4.00	3.25
YES								
L0007349	0	0.82830E-07	496407.4	3759386.1	707.4	3.49	4.00	3.25
YES								
L0007350	0	0.82830E-07	496415.2	3759382.5	707.3	3.49	4.00	3.25
YES								
L0007351	0	0.82830E-07	496423.0	3759378.9	707.3	3.49	4.00	3.25
YES								

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK VALLEY\13594 OPS\1359 \*\*\* 07/19/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* VOLUME SOURCE DATA \*\*\*

NUMBER	EMISSION RATE	BASE	RELEASE	INIT.	INIT.
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L0007404	0	0.81200E-07	496388.4	3759448.7	706.5	3.49	4.00	3.25
YES								
L0007405	0	0.81200E-07	496391.9	3759456.6	706.4	3.49	4.00	3.25
YES								
L0007406	0	0.81200E-07	496398.9	3759454.8	706.7	3.49	4.00	3.25
YES								
L0007407	0	0.81200E-07	496406.7	3759451.1	707.0	3.49	4.00	3.25
YES								
L0007408	0	0.81200E-07	496414.4	3759447.4	707.4	3.49	4.00	3.25
YES								
L0007409	0	0.81200E-07	496422.2	3759443.8	707.8	3.49	4.00	3.25
YES								
L0007410	0	0.81200E-07	496430.0	3759440.1	708.2	3.49	4.00	3.25
YES								
L0007411	0	0.81200E-07	496437.7	3759436.4	708.6	3.49	4.00	3.25
YES								

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK VALLEY\13594 OPS\1359 \*\*\* 07/19/23

\*\*\* AERMET - VERSION 16216 \*\*\*

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

SRCGROUP ID  
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SOURCE IDs  
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ALL	L0005414	,	L0005415	,	L0005416	,	L0005417	,	L0005418	,	L0005419	,
L0005420	,	L0005421	,									
	L0005422	,	L0005423	,	L0005424	,	L0005425	,	L0005426	,	L0005427	,
	L0005428	,	L0005429	,								
	L0005430	,	L0005431	,	L0005432	,	L0005433	,	L0005434	,	L0005435	,
	L0005436	,	L0005437	,								
	L0005438	,	L0005439	,	L0005440	,	L0005441	,	L0005442	,	L0005443	,
	L0005444	,	L0005445	,								
	L0005446	,	L0005447	,	L0005448	,	L0005449	,	L0005450	,	L0005451	,
	L0005452	,	L0005453	,								
	L0005454	,	L0005455	,	L0005456	,	L0005457	,	L0005458	,	L0005459	,
	L0005460	,	L0005461	,								
	L0005462	,	L0005463	,	L0005464	,	L0005465	,	L0005466	,	L0005467	,
	L0005468	,	L0005469	,								
	L0005470	,	L0005471	,	L0005472	,	L0005473	,	L0005474	,	L0005475	,
	L0005476	,	L0005477	,								
	L0005478	,	L0005479	,	L0005480	,	L0005481	,	L0005482	,	L0005483	,
	L0005484	,	L0005485	,								
	L0005486	,	L0005487	,	L0005488	,	L0005489	,	L0005490	,	L0005491	,
	L0005492	,	L0005493	,								
	L0005494	,	L0005495	,	L0005496	,	L0005497	,	L0005498	,	L0005499	,
	L0005500	,	L0005501	,								
	L0005502	,	L0005503	,	L0005504	,	L0005505	,	L0005506	,	L0005507	,
	L0005508	,	L0005509	,								

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L0005510 , L0005511 , L0005512 , L0005513 , L0005514 , L0005515 ,
L0005516 , L0005517 ,

L0005518 , L0005519 , L0005520 , L0005521 , L0005522 , L0005523 ,
L0005524 , L0005525 ,

L0005526 , L0005527 , L0005528 , L0005529 , L0005530 , L0005531 ,
L0005532 , L0005533 ,

L0005534 , L0005535 , L0005536 , L0005537 , L0005538 , L0005539 ,
L0005540 , L0005541 ,

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*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK
VALLEY\13594 OPS\1359 *** 07/19/23
*** AERMET - VERSION 16216 ***
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*** 13:08:23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

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L0005596	L0005597					
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L0005604	L0005605					
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L0007415	L0007416					
L0007417	L0007418	L0007419	L0007420	L0007421	L0007422	
L0007423	L0007424					
L0007425	L0007426	L0007427	L0007428	L0007429	L0007430	
L0007431	L0007432					
L0007433	L0007434	L0007435	L0007436	L0007437	L0007438	
L0007439	L0007440					
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L0007447	L0007448					



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*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK
VALLEY\13594 OPS\1359 *** 07/19/23

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*** AERMET - VERSION 16216 ***
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*** 13:08:23

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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*** SOURCE IDs DEFINING SOURCE GROUPS ***

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SRCGROUP ID
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SOURCE IDs
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*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK
VALLEY\13594 OPS\1359 *** 07/19/23

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*** AERMET - VERSION 16216 ***
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*** 13:08:23

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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*** SOURCE IDs DEFINING SOURCE GROUPS ***

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SRCGROUP ID
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SOURCE IDs
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**FF** \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK  
 VALLEY\13594 OPS\1359 \*\*\* 07/19/23  
 \*\*\* AERMET - VERSION 16216 \*\*\*  
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\*\*\* 13:08:23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

SRCGROUP ID	SOURCE IDs
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\*\*\* AERMOD - VERSION 22112 \*\*\* C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK  
 VALLEY\13594 OPS\1359 \*\*\* 07/19/23

\*\*\* AERMET - VERSION 16216 \*\*\*  
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SRCGROUP ID

SOURCE IDs

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

SRCGROUP ID	SOURCE IDs					
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\*\*\* AERMOD - VERSION 22112 \*\*\* C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK  
VALLEY\13594 OPS\1359 \*\*\* 07/19/23

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\*\*\* 13:08:23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

SRCGROUP ID  
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SOURCE IDs  
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*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK
VALLEY\13594 OPS\1359 *** 07/19/23
*** AERMET - VERSION 16216 ***
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

SRCGROUP ID

SOURCE IDs

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*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK
VALLEY\13594 OPS\1359 *** 07/19/23

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*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

SRCGROUP ID  
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SOURCE IDs  
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*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK
VALLEY\13594 OPS\1359 *** 07/19/23

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*** AERMET - VERSION 16216 ***
*** 13:08:23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

SRCGROUP ID	SOURCE IDs
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\*\*\* AERMOD - VERSION 22112 \*\*\* C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK  
 VALLEY\13594 OPS\1359 \*\*\* 07/19/23

\*\*\* AERMET - VERSION 16216 \*\*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

SRCGROUP ID  
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SOURCE IDs  
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*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK
VALLEY\13594 OPS\1359 *** 07/19/23
*** AERMET - VERSION 16216 ***
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

SRCGROUP ID  
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SOURCE IDs  
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 \*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK

VALLEY\13594 OPS\1359 \*\*\* 07/19/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

SRCGROUP ID

SOURCE IDs

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L0007190 , L0007191 ,

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

SRCGROUP ID  
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SOURCE IDs  
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L0007206	,	L0007207	,								
L0007208	,	L0007209	,	L0007210	,	L0007211	,	L0007212	,	L0007213	,
L0007214	,	L0007215	,								
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\*\*\* AERMOD - VERSION 22112 \*\*\* C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK  
VALLEY\13594 OPS\1359 \*\*\* 07/19/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

SRCGROUP ID  
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SOURCE IDs  
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\*\*\* AERMOD - VERSION 22112 \*\*\* C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK  
VALLEY\13594 OPS\1359 \*\*\* 07/19/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* SOURCE IDs DEFINED AS URBAN SOURCES \*\*\*

URBAN ID URBAN POP  
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SOURCE IDs  
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\*\*\* AERMOD - VERSION 22112 \*\*\* C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK  
 VALLEY\13594 OPS\1359 \*\*\* 07/19/23

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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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 L0007489 , L0007490 , L0007491 , L0007492 , L0007493 , L0007494 ,  
 L0007495 , L0007496 ,  
 L0007497 , L0007498 , L0007499 , L0007500 , L0007501 , L0007502 ,  
 L0007503 , L0007504 ,  
 L0007505 , L0007506 , L0007507 , L0007508 , L0007509 , L0007510 ,  
 L0007511 , L0007512 ,  
 L0007513 , L0007514 , L0007515 , L0007516 , L0007517 , L0007518 ,  
 L0007519 , L0007520 ,  
 L0007521 , L0007522 , L0007523 , L0007524 , L0007525 , L0007526 ,  
 L0007527 , L0007528 ,  
 L0007529 , L0007530 , L0007531 , L0007532 , L0007533 , L0007534 ,  
 L0007535 , L0007536 ,

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK  
 VALLEY\13594 OPS\1359 \*\*\* 07/19/23  
 \*\*\* AERMET - VERSION 16216 \*\*\*  
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\*\*\* 13:08:23

\*\*\* SOURCE IDs DEFINED AS URBAN SOURCES \*\*\*

URBAN ID -----	URBAN POP -----	SOURCE IDs -----						
L0007537 L0007543	, ,	L0007538 L0007544	, ,	L0007539 ,	, ,	L0007540 L0007541	, ,	L0007542 ,
L0007545 L0007551	, ,	L0007546 L0007552	, ,	L0007547 ,	, ,	L0007548 L0007549	, ,	L0007550 ,
L0007553 L0007559	, ,	L0007554 L0007560	, ,	L0007555 ,	, ,	L0007556 L0007557	, ,	L0007558 ,
L0007561 L0007567	, ,	L0007562 L0007568	, ,	L0007563 ,	, ,	L0007564 L0007565	, ,	L0007566 ,
L0007569 L0007575	, ,	L0007570 L0007576	, ,	L0007571 ,	, ,	L0007572 L0007573	, ,	L0007574 ,
L0007577 L0007583	, ,	L0007578 L0007584	, ,	L0007579 ,	, ,	L0007580 L0007581	, ,	L0007582 ,
L0007585 L0007591	, ,	L0007586 L0007592	, ,	L0007587 ,	, ,	L0007588 L0007589	, ,	L0007590 ,
L0007593 L0007599	, ,	L0007594 L0007600	, ,	L0007595 ,	, ,	L0007596 L0007597	, ,	L0007598 ,
L0007601 L0007607	, ,	L0007602 L0007608	, ,	L0007603 ,	, ,	L0007604 L0007605	, ,	L0007606 ,
L0007609 L0007615	, ,	L0007610 L0007616	, ,	L0007611 ,	, ,	L0007612 L0007613	, ,	L0007614 ,
L0007617 L0007623	, ,	L0007618 L0007624	, ,	L0007619 ,	, ,	L0007620 L0007621	, ,	L0007622 ,
L0007625 L0007631	, ,	L0007626 L0007632	, ,	L0007627 ,	, ,	L0007628 L0007629	, ,	L0007630 ,
L0007633 L0007639	, ,	L0007634 L0007640	, ,	L0007635 ,	, ,	L0007636 L0007637	, ,	L0007638 ,
L0007641 L0005614	, ,	L0005609 L0005615	, ,	L0005610 ,	, ,	L0005611 L0005612	, ,	L0005613 ,
L0005616 L0005622	, ,	L0005617 L0005623	, ,	L0005618 ,	, ,	L0005619 L0005620	, ,	L0005621 ,
L0005624 L0005630	, ,	L0005625 L0005631	, ,	L0005626 ,	, ,	L0005627 L0005628	, ,	L0005629 ,
L0005632 L0005638	, ,	L0005633 L0005639	, ,	L0005634 ,	, ,	L0005635 L0005636	, ,	L0005637 ,
L0005640 L0005646	, ,	L0005641 L0005647	, ,	L0005642 ,	, ,	L0005643 L0005644	, ,	L0005645 ,
L0005648 L0005654	, ,	L0005649 L0005655	, ,	L0005650 ,	, ,	L0005651 L0005652	, ,	L0005653 ,
L0005656 L0005662	, ,	L0005657 L0005663	, ,	L0005658 ,	, ,	L0005659 L0005660	, ,	L0005661 ,

\*\*\* MODELOPTs:      RegDFAULT    CONC    ELEV    URBAN    ADJ\_U\*

\*\*\* SOURCE IDs DEFINED AS URBAN SOURCES \*\*\*

URBAN ID	URBAN POP	SOURCE IDs					
-----	-----	-----	-----	-----	-----	-----	-----
L0005664	, L0005665	, L0005666	, L0005667	, L0005668	, L0005669	, L0005670	
L0005670	, L0005671	, L0005672	, L0005673	, L0005674	, L0005675	, L0005676	
L0005672	, L0005673	, L0005674	, L0005675	, L0005676	, L0005677	, L0005678	
L0005678	, L0005679	, L0005680	, L0005681	, L0005682	, L0005683	, L0005684	
L0005680	, L0005681	, L0005682	, L0005683	, L0005684	, L0005685	, L0005686	
L0005686	, L0005687	, L0005688	, L0005689	, L0005690	, L0005691	, L0005692	
L0005688	, L0005689	, L0005690	, L0005691	, L0005692	, L0005693	, L0005694	
L0005694	, L0005695	, L0005696	, L0005697	, L0005698	, L0005699	, L0005700	
L0005696	, L0005697	, L0005698	, L0005699	, L0005700	, L0005701	, L0005702	
L0005702	, L0005703	, L0005704	, L0005705	, L0005706	, L0005707	, L0005708	
L0005704	, L0005705	, L0005706	, L0005707	, L0005708	, L0005709	, L0005710	
L0005710	, L0005711	, L0005712	, L0005713	, L0005714	, L0005715	, L0005716	
L0005712	, L0005713	, L0005714	, L0005715	, L0005716	, L0005717	, L0005718	
L0005718	, L0005719	, L0005720	, L0005721	, L0005722	, L0005723	, L0005724	
L0005720	, L0005721	, L0005722	, L0005723	, L0005724	, L0005725	, L0005726	
L0005726	, L0005727	, L0005728	, L0005729	, L0005730	, L0005731	, L0005732	
L0005728	, L0005729	, L0005730	, L0005731	, L0005732	, L0005733	, L0005734	
L0005734	, L0005735	, L0005736	, L0005737	, L0005738	, L0005739	, L0005740	
L0005736	, L0005737	, L0005738	, L0005739	, L0005740	, L0005741	, L0005742	
L0005742	, L0005743	, L0005744	, L0005745	, L0005746	, L0005747	, L0005748	
L0005744	, L0005745	, L0005746	, L0005747	, L0005748	, L0005749	, L0005750	
L0005750	, L0005751	, L0005752	, L0005753	, L0005754	, L0005755	, L0005756	
L0005752	, L0005753	, L0005754	, L0005755	, L0005756	, L0005757	, L0005758	
L0005758	, L0005759	, L0005760	, L0005761	, L0005762	, L0005763	, L0005764	
L0005760	, L0005761	, L0005762	, L0005763	, L0005764	, L0005765	, L0005766	
L0005766	, L0005767	, L0005768	, L0005769	, L0005770	, L0005771	, L0005772	
L0005768	, L0005769	, L0005770	, L0005771	, L0005772	, L0005773	, L0005774	
L0005774	, L0005775	, L0005776	, L0005777	, L0005778	, L0005779	, L0005780	
L0005776	, L0005777	, L0005778	, L0005779	, L0005780	, L0005781	, L0005782	
L0005782	, L0005783	, L0005784	, L0005785	, L0005786	, L0005787	, L0005788	
L0005784	, L0005785	, L0005786	, L0005787	, L0005788	, L0005789	, L0005790	
L0005790	, L0005791	, L0005792	, L0005793	, L0005794	, L0005795	, L0005796	
L0005792	, L0005793	, L0005794	, L0005795	, L0005796	, L0005797	, L0005798	
L0005798	, L0005799	, L0005800	, L0005801	, L0005802	, L0005803	, L0005804	

L0005800 , L0005801 , L0005802 , L0005803 , L0005804 , L0005805 ,  
 L0005806 , L0005807 ,  
 L0005808 , L0005809 , L0005810 , L0005811 , L0005812 , L0005813 ,  
 L0005814 , L0005815 ,  
 L0005816 , L0005817 , L0005818 , L0005819 , L0005820 , L0005821 ,  
 L0005822 , L0005823 ,

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK  
 VALLEY\13594 OPS\1359 \*\*\* 07/19/23

\*\*\* AERMET - VERSION 16216 \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* SOURCE IDs DEFINED AS URBAN SOURCES \*\*\*

URBAN ID	URBAN POP	SOURCE IDs					
-----	-----	-----					
L0005824	, L0005825	, L0005826	, L0005827	, L0005828	, L0005829	,	
L0005830	, L0005831	,					
L0005832	, L0005833	, L0005834	, L0005835	, L0005836	, L0005837	,	
L0005838	, L0005839	,					
L0005840	, L0005841	, L0005842	, L0005843	, L0005844	, L0005845	,	
L0005846	, L0005847	,					
L0005848	, L0005849	, L0005850	, L0005851	, L0005852	, L0005853	,	
L0005854	, L0005855	,					
L0005856	, L0005857	, L0005858	, L0005859	, L0005860	, L0005861	,	
L0005862	, L0005863	,					
L0005864	, L0005865	, L0005866	, L0005867	, L0005868	, L0005869	,	
L0005870	, L0005871	,					
L0005872	, L0005873	, L0005874	, L0005875	, L0005876	, L0005877	,	
L0005878	, L0005879	,					
L0005880	, L0005881	, L0005882	, L0005883	, L0005884	, L0005885	,	
L0005886	, L0005887	,					
L0005888	, L0005889	, L0005890	, L0005891	, L0005892	, L0005893	,	
L0005894	, L0005895	,					
L0005896	, L0005897	, L0005898	, L0005899	, L0005900	, L0005901	,	
L0005902	, L0005903	,					
L0005904	, L0005905	, L0005906	, L0005907	, L0005908	, L0005909	,	
L0005910	, L0005911	,					
L0005912	, L0005913	, L0005914	, L0005915	, L0005916	, L0005917	,	
L0005918	, L0005919	,					
L0005920	, L0005921	, L0005922	, L0005923	, L0005924	, L0005925	,	
L0005926	, L0005927	,					
L0005928	, L0005929	, L0005930	, L0005931	, L0005932	, L0005933	,	
L0005934	, L0005935	,					
L0005936	, L0005937	, L0005938	, L0005939	, L0005940	, L0005941	,	

L0005942 , L0005943 ,  
 L0005944 , L0005945 , L0005946 , L0005947 , L0005948 , L0005949 ,  
 L0005950 , L0005951 ,  
 L0005952 , L0005953 , L0005954 , L0005955 , L0005956 , L0005957 ,  
 L0005958 , L0005959 ,  
 L0005960 , L0005961 , L0005962 , L0005963 , L0005964 , L0005965 ,  
 L0005966 , L0005967 ,  
 L0005968 , L0005969 , L0005970 , L0005971 , L0005972 , L0005973 ,  
 L0005974 , L0005975 ,  
 L0004110 , L0004111 , L0004112 , L0004113 , L0004114 , L0004115 ,  
 L0004116 , L0004117 ,

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK  
 VALLEY\13594 OPS\1359 \*\*\* 07/19/23

\*\*\* AERMET - VERSION 16216 \*\*\*

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* SOURCE IDs DEFINED AS URBAN SOURCES \*\*\*

URBAN ID	URBAN POP	SOURCE IDs					
-----	-----	-----					
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	L0004175	L0004176	L0004177	L0004178	L0004179		
L0004180	L0004181						
L0004182	L0004183	L0004184	L0004185	L0004186	L0004187		
L0004188	L0004189						
L0004190	L0004191	L0004192	L0004193	L0004194	L0004195		
L0004196	L0004197						
L0004198	L0004199	L0004200	L0004201	L0004202	L0004203		
L0004204	L0004205						
L0004206	L0004207	L0004208	L0004209	L0004210	L0004211		
L0004212	L0004213						

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L0004214 , L0004215 , L0004216 , L0004217 , L0004218 , L0004219 ,
L0004220 , L0004221 ,

L0004222 , L0004223 , L0004224 , L0004225 , L0004226 , L0004227 ,
L0004228 , L0004229 ,

L0004230 , L0004231 , L0004232 , L0004233 , L0004234 , L0004235 ,
L0004236 , L0004237 ,

L0004238 , L0004239 , L0004240 , L0004241 , L0004242 , L0004243 ,
L0004244 , L0004245 ,

L0004246 , L0004247 , L0004248 , L0004249 , L0004250 , L0004251 ,
L0004252 , L0004253 ,

L0004254 , L0004255 , L0004256 , L0004257 , L0004258 , L0004259 ,
L0004260 , L0004261 ,

L0004262 , L0004263 , L0004264 , L0004265 , L0004266 , L0004267 ,
L0004268 , L0004269 ,

L0004270 , L0004271 , L0004272 , L0004273 , L0004274 , L0004275 ,
L0004276 , L0004277 ,

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*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK
VALLEY\13594 OPS\1359 *** 07/19/23
*** AERMET - VERSION 16216 ***
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* SOURCE IDs DEFINED AS URBAN SOURCES \*\*\*

URBAN ID	URBAN POP	SOURCE IDs					
-----	-----	-----	-----	-----	-----	-----	-----
L0004278	L0004279	L0004280	L0004281	L0004282	L0004283		
L0004284	L0004285						
L0004286	L0004287	L0004288	L0004289	L0004290	L0004291		
L0004292	L0004293						
L0004294	L0004295	L0004296	L0004297	L0004298	L0004299		
L0004300	L0004301						
L0004302	L0004303	L0004304	L0004305	L0004306	L0004307		
L0004308	L0004309						
L0004310	L0004311	L0004312	L0004313	L0004314	L0004315		
L0004316	L0004317						
L0004318	L0004319	L0004320	L0004321	L0004322	L0004323		
L0004324	L0004325						
L0004326	L0004327	L0004328	L0004329	L0004330	L0004331		
L0004332	L0004333						
L0004334	L0004335	L0004336	L0004337	L0004338	L0004339		
L0004340	L0004341						
L0004342	L0004343	L0004344	L0004345	L0004346	L0004347		
L0004348	L0004349						

L0004350 , L0004351 , L0004352 , L0004353 , L0004354 , L0004355 ,  
 L0004356 , L0004357 ,  
  
 L0004358 , L0004359 , L0004360 , L0004361 , L0004362 , L0004363 ,  
 L0004364 , L0004365 ,  
  
 L0004366 , L0004367 , L0004368 , L0004369 , L0004370 , L0004371 ,  
 L0004372 , L0004373 ,  
  
 L0004374 , 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 , L0004407 , L0004408 , L0004409 , L0004410 , L0004411 ,  
 L0004412 , L0004413 ,  
  
 L0004414 , L0004415 , L0004416 , L0004417 , L0004418 , L0004419 ,  
 L0004420 , L0004421 ,  
  
 L0004422 , L0004423 , L0004424 , L0004425 , L0004426 , L0004427 ,  
 L0004428 , L0004429 ,  
  
 L0004430 , L0004431 , L0004432 , L0004433 , L0004434 , L0004435 ,  
 L0004436 , L0004437 ,

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK  
 VALLEY\13594 OPS\1359 \*\*\* 07/19/23

\*\*\* AERMET - VERSION 16216 \*\*\*

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* SOURCE IDs DEFINED AS URBAN SOURCES \*\*\*

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----
L0004438	L0004439	L0004440 , L0004441 , L0004442 , L0004443 ,
L0004444	L0004445	,
L0004446	L0004447	L0004448 , L0004449 , L0004450 , L0004451 ,
L0004452	L0004453	,
L0004454	L0004455	L0004456 , L0004457 , L0004458 , L0005976 ,
L0005977	L0005978	,
L0005979	L0005980	L0005981 , L0005982 , L0005983 , L0005984 ,
L0005985	L0005986	,
L0005987	L0005988	L0005989 , L0005990 , L0005991 , L0005992 ,
L0005993	L0005994	,
L0005995	L0005996	L0005997 , L0005998 , L0005999 , L0006000 ,
L0006001	L0006002	,
L0006003	L0006004	L0006005 , L0006006 , L0006007 , L0006008 ,



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L0006009 , L0006010 ,
L0006011 , L0006012 , L0006013 , L0006014 , L0006015 , L0006016 ,
L0006017 , L0006018 ,
L0006019 , L0006020 , L0006021 , L0006022 , L0006023 , L0006024 ,
L0006025 , L0006026 ,
L0006027 , L0006028 , L0006029 , L0006030 , L0006031 , L0006032 ,
L0006033 , L0006034 ,
L0006035 , L0006036 , L0006037 , L0006038 , L0006039 , L0006040 ,
L0006041 , L0006042 ,
L0006043 , L0006044 , L0006045 , L0006046 , L0006047 , L0006048 ,
L0006049 , L0006050 ,
L0006051 , L0006052 , L0006053 , L0006054 , L0006055 , L0006056 ,
L0006057 , L0006058 ,
L0006059 , L0006060 , L0006061 , L0006062 , L0006063 , L0006064 ,
L0006065 , L0006066 ,
L0006067 , L0006068 , L0006069 , L0006070 , L0006071 , L0006072 ,
L0006073 , L0006074 ,
L0006075 , L0006076 , L0006077 , L0006078 , L0006079 , L0006080 ,
L0006081 , L0006082 ,
L0006083 , L0006084 , L0006085 , L0006086 , L0006087 , L0006088 ,
L0006089 , L0006090 ,
L0006091 , L0006092 , L0004576 , L0004577 , L0004578 , L0004579 ,
L0004580 , L0004581 ,
L0004582 , L0004583 , L0004584 , L0004585 , L0004586 , L0004587 ,
L0004588 , L0004589 ,
L0004590 , L0004591 , L0004592 , L0004593 , L0004594 , L0004595 ,
L0004596 , L0004597 ,

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*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK
VALLEY\13594 OPS\1359 *** 07/19/23

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*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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*** SOURCE IDs DEFINED AS URBAN SOURCES ***

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URBAN ID	URBAN POP	SOURCE IDs					
-----	-----	-----	-----	-----	-----	-----	-----
L0004598	, L0004599	, L0004600	, L0006093	, L0006094	, L0006095	, L0006096	, L0006097
L0006098	, L0006099	, L0006100	, L0006101	, L0006102	, L0006103	, L0006104	, L0006105
L0006106	, L0006107	, L0006108	, L0006109	, L0006110	, L0006111	, L0006112	, L0006113
L0006114	, L0006115	, L0006116	, L0006117	, L0004626	, L0004627	, L0004628	, L0004629

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L0004630 , L0004631 , L0004632 , L0004633 , L0004634 , L0004635 ,
L0004636 , L0004637 ,

L0004638 , L0004639 , L0004640 , L0004641 , L0004642 , L0004643 ,
L0004644 , L0004645 ,

L0004646 , L0004647 , L0004648 , L0004649 , L0004650 , L0004651 ,
L0004652 , L0004653 ,

L0004654 , L0004655 , L0004656 , L0004657 , L0004658 , L0004659 ,
L0004660 , L0004661 ,

L0004662 , L0004663 , L0004664 , L0004665 , L0004666 , L0004667 ,
L0004668 , L0004669 ,

L0004670 , L0004671 , L0004672 , L0004673 , L0004674 , L0004675 ,
L0004676 , L0004677 ,

L0004678 , L0004679 , L0004680 , L0004681 , L0004682 , L0004683 ,
L0004684 , L0004685 ,

L0004686 , L0004687 , L0004688 , L0004689 , L0004690 , L0004691 ,
L0004692 , L0004693 ,

L0004694 , L0004695 , L0004696 , L0004697 , L0004698 , L0004699 ,
L0004700 , L0004701 ,

L0004702 , L0004703 , L0004704 , L0004705 , L0004706 , L0004707 ,
L0004708 , L0004709 ,

L0004710 , L0004711 , L0004712 , L0004713 , L0004714 , L0004715 ,
L0004716 , L0004717 ,

L0004718 , L0004719 , L0004720 , L0004721 , L0004722 , L0004723 ,
L0004724 , L0004725 ,

L0004726 , L0004727 , L0004728 , L0004729 , L0004730 , L0004731 ,
L0004732 , L0004733 ,

L0004734 , L0004735 , L0004736 , L0004737 , L0004738 , L0004739 ,
L0004740 , L0004741 ,

L0004742 , L0004743 , L0004744 , L0004745 , L0004746 , L0004747 ,
L0004748 , L0004749 ,

L0004750 , L0004751 , L0004752 , L0004753 , L0004754 , L0004755 ,
L0004756 , L0004757 ,

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*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK
VALLEY\13594 OPS\1359 *** 07/19/23
*** AERMET - VERSION 16216 ***
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* SOURCE IDs DEFINED AS URBAN SOURCES \*\*\*

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----
L0004758	L0004759	L0004760 , L0004761 , L0004762 , L0004763 ,
L0004764	L0004765	,

L0004766 , L0004767 , L0004768 , L0004769 , L0004770 , L0004771 ,  
 L0004772 , L0004773 ,  
  
 L0004774 , L0004775 , L0004776 , L0004777 , L0004778 , L0004779 ,  
 L0004780 , L0004781 ,  
  
 L0004782 , L0004783 , L0004784 , L0004785 , L0004786 , L0004787 ,  
 L0004788 , L0004789 ,  
  
 L0004790 , L0004791 , L0004792 , L0004793 , L0004794 , L0004795 ,  
 L0004796 , L0004797 ,  
  
 L0004798 , L0004799 , L0004800 , L0004801 , L0004802 , L0004803 ,  
 L0004804 , L0004805 ,  
  
 L0004806 , L0004807 , L0004808 , L0004809 , L0004810 , L0004811 ,  
 L0004812 , L0004813 ,  
  
 L0004814 , L0004815 , L0004816 , L0004817 , L0004818 , L0004819 ,  
 L0004820 , L0004821 ,  
  
 L0004822 , L0004823 , L0004824 , L0004825 , L0004826 , L0004827 ,  
 L0004828 , L0004829 ,  
  
 L0004830 , L0004831 , L0004832 , L0004833 , L0004834 , L0004835 ,  
 L0004836 , L0004837 ,  
  
 L0004838 , L0004839 , L0004840 , L0004841 , L0004842 , L0004843 ,  
 L0004844 , L0004845 ,  
  
 L0004846 , L0004847 , L0004848 , L0004849 , L0004850 , L0004851 ,  
 L0004852 , L0004853 ,  
  
 L0004854 , L0004855 , L0004856 , L0004857 , L0004858 , L0004859 ,  
 L0004860 , L0004861 ,  
  
 L0004862 , L0004863 , L0004864 , L0004865 , L0004866 , L0004867 ,  
 L0004868 , L0004869 ,  
  
 L0004870 , L0004871 , L0004872 , L0004873 , L0004874 , L0004875 ,  
 L0004876 , L0004877 ,  
  
 L0004878 , L0004879 , L0004880 , L0004881 , L0004882 , L0006118 ,  
 L0006119 , L0006120 ,  
  
 L0006121 , L0006122 , L0006123 , L0006124 , L0006125 , L0006126 ,  
 L0006127 , L0006128 ,  
  
 L0006129 , L0006130 , L0006131 , L0006132 , L0006133 , L0006134 ,  
 L0006135 , L0006136 ,  
  
 L0006137 , L0006138 , L0006139 , L0006140 , L0006141 , L0006142 ,  
 L0006143 , L0006144 ,  
  
 L0006145 , L0006146 , L0006147 , L0006148 , L0006149 , L0006150 ,  
 L0006151 , L0006152 ,

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 VALLEY\13594 OPS\1359 \*\*\* 07/19/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* SOURCE IDs DEFINED AS URBAN SOURCES \*\*\*

URBAN ID	URBAN POP	SOURCE IDs					
-----	-----	-----					
L0006153 L0006159	, L0006154 , L0006160	, L0006155 ,	, L0006156 ,	, L0006157 ,	, L0006158 ,		
L0006161 L0006167	, L0006162 , L0006168	, L0006163 ,	, L0006164 ,	, L0006165 ,	, L0006166 ,		
L0006169 L0006175	, L0006170 , L0006176	, L0006171 ,	, L0006172 ,	, L0006173 ,	, L0006174 ,		
L0006177 L0006183	, L0006178 , L0006184	, L0006179 ,	, L0006180 ,	, L0006181 ,	, L0006182 ,		
L0006185 L0006191	, L0006186 , L0006192	, L0006187 ,	, L0006188 ,	, L0006189 ,	, L0006190 ,		
L0006193 L0006199	, L0006194 , L0006200	, L0006195 ,	, L0006196 ,	, L0006197 ,	, L0006198 ,		
L0006201 L0006207	, L0006202 , L0006208	, L0006203 ,	, L0006204 ,	, L0006205 ,	, L0006206 ,		
L0006209 L0006215	, L0006210 , L0006216	, L0006211 ,	, L0006212 ,	, L0006213 ,	, L0006214 ,		
L0006217 L0006223	, L0006218 , L0006224	, L0006219 ,	, L0006220 ,	, L0006221 ,	, L0006222 ,		
L0006225 L0006231	, L0006226 , L0006232	, L0006227 ,	, L0006228 ,	, L0006229 ,	, L0006230 ,		
L0006233 L0006239	, L0006234 , L0006240	, L0006235 ,	, L0006236 ,	, L0006237 ,	, L0006238 ,		
L0006241 L0006247	, L0006242 , L0006248	, L0006243 ,	, L0006244 ,	, L0006245 ,	, L0006246 ,		
L0006249 L0006255	, L0006250 , L0006256	, L0006251 ,	, L0006252 ,	, L0006253 ,	, L0006254 ,		
L0006257 L0006263	, L0006258 , L0006264	, L0006259 ,	, L0006260 ,	, L0006261 ,	, L0006262 ,		
L0006265 L0006271	, L0006266 , L0006272	, L0006267 ,	, L0006268 ,	, L0006269 ,	, L0006270 ,		
L0006273 L0006279	, L0006274 , L0006280	, L0006275 ,	, L0006276 ,	, L0006277 ,	, L0006278 ,		
L0006281 L0006287	, L0006282 , L0006288	, L0006283 ,	, L0006284 ,	, L0006285 ,	, L0006286 ,		
L0006289 L0006295	, L0006290 , L0006296	, L0006291 ,	, L0006292 ,	, L0006293 ,	, L0006294 ,		
L0006297 L0006303	, L0006298 , L0006304	, L0006299 ,	, L0006300 ,	, L0006301 ,	, L0006302 ,		
L0006305 L0006311	, L0006306 , L0006312	, L0006307 ,	, L0006308 ,	, L0006309 ,	, L0006310 ,		

\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* SOURCE IDs DEFINED AS URBAN SOURCES \*\*\*

URBAN ID	URBAN POP	SOURCE IDs					
-----	-----	-----	-----	-----	-----	-----	-----
L0006313		, L0006314	, L0006315	, L0006316	, L0006317	, L0006318	,
L0006319		, L0006320	,				
L0006321		, L0006322	, L0006323	, L0006324	, L0006325	, L0006326	,
L0006327		, L0006328	,				
L0006329		, L0006330	, L0006331	, L0006332	, L0006333	, L0006334	,
L0006335		, L0006336	,				
L0006337		, L0006338	, L0006339	, L0006340	, L0006341	, L0006342	,
L0006343		, L0006344	,				
L0006345		, L0006346	, L0006347	, L0006348	, L0006349	, L0006350	,
L0006351		, L0006352	,				
L0006353		, L0006354	, L0006355	, L0006356	, L0006357	, L0006358	,
L0006359		, L0006360	,				
L0006361		, L0006362	, L0006363	, L0006364	, L0006365	, L0006366	,
L0006367		, L0006368	,				
L0006369		, L0006370	, L0006371	, L0006372	, L0006373	, L0006374	,
L0006375		, L0006376	,				
L0006377		, L0006378	, L0006379	, L0006380	, L0006381	, L0006382	,
L0006383		, L0006384	,				
L0006385		, L0006386	, L0006387	, L0006388	, L0006389	, L0006390	,
L0006391		, L0006392	,				
L0006393		, L0006394	, L0006395	, L0006396	, L0006397	, L0006398	,
L0006399		, L0006400	,				
L0006401		, L0006402	, L0006403	, L0006404	, L0006405	, L0006406	,
L0006407		, L0006408	,				
L0006409		, L0006410	, L0006411	, L0006412	, L0006413	, L0006414	,
L0006415		, L0006416	,				
L0006417		, L0006418	, L0006419	, L0006420	, L0006421	, L0006422	,
L0006423		, L0006424	,				
L0006425		, L0006426	, L0006427	, L0006428	, L0006429	, L0006430	,
L0006431		, L0006432	,				
L0006433		, L0006434	, L0006435	, L0006436	, L0006437	, L0006438	,
L0006439		, L0006440	,				
L0006441		, L0006442	, L0006443	, L0006444	, L0006445	, L0006446	,
L0006447		, L0006448	,				
L0006449		, L0006450	, L0006451	, L0006452	, L0006453	, L0006454	,
L0006455		, L0006456	,				

L0006457 , L0006458 , L0006459 , L0006460 , L0006461 , L0006462 ,  
L0006463 , L0006464 ,

L0006465 , L0006466 , L0006467 , L0006468 , L0006469 , L0006470 ,  
L0006471 , L0006472 ,

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* SOURCE IDs DEFINED AS URBAN SOURCES \*\*\*

URBAN ID	URBAN POP	SOURCE IDs					
-----	-----	-----	-----	-----	-----	-----	
L0006473 L0006479	, ,	L0006474 L0006480	, ,	L0006475 ,	L0006476 ,	L0006477 L0006478	, ,
L0006481 L0006487	, ,	L0006482 L0006488	, ,	L0006483 ,	L0006484 ,	L0006485 L0006486	, ,
L0006489 L0006495	, ,	L0006490 L0006496	, ,	L0006491 ,	L0006492 ,	L0006493 L0006494	, ,
L0006497 L0006503	, ,	L0006498 L0006504	, ,	L0006499 ,	L0006500 ,	L0006501 L0006502	, ,
L0006505 L0006511	, ,	L0006506 L0006512	, ,	L0006507 ,	L0006508 ,	L0006509 L0006510	, ,
L0006513 L0006519	, ,	L0006514 L0006520	, ,	L0006515 ,	L0006516 ,	L0006517 L0006518	, ,
L0006521 L0006527	, ,	L0006522 L0006528	, ,	L0006523 ,	L0006524 ,	L0006525 L0006526	, ,
L0006529 L0006535	, ,	L0006530 L0006536	, ,	L0006531 ,	L0006532 ,	L0006533 L0006534	, ,
L0006537 L0006543	, ,	L0006538 L0006544	, ,	L0006539 ,	L0006540 ,	L0006541 L0006542	, ,
L0006545 L0006551	, ,	L0006546 L0006552	, ,	L0006547 ,	L0006548 ,	L0006549 L0006550	, ,
L0006553 L0006559	, ,	L0006554 L0006560	, ,	L0006555 ,	L0006556 ,	L0006557 L0006558	, ,
L0006561 L0006567	, ,	L0006562 L0006568	, ,	L0006563 ,	L0006564 ,	L0006565 L0006566	, ,
L0006569 L0006575	, ,	L0006570 L0006576	, ,	L0006571 ,	L0006572 ,	L0006573 L0006574	, ,
L0006577 L0006583	, ,	L0006578 L0006584	, ,	L0006579 ,	L0006580 ,	L0006581 L0006582	, ,
L0006585 L0006591	, ,	L0006586 L0006592	, ,	L0006587 ,	L0006588 ,	L0006589 L0006590	, ,

L0006593 , L0006594 , L0006595 , L0006596 , L0006597 , L0006598 ,  
 L0006599 , L0006600 ,  
  
 L0006601 , L0006602 , L0006603 , L0006604 , L0006605 , L0006606 ,  
 L0006607 , L0006608 ,  
  
 L0006609 , L0006610 , L0006611 , L0006612 , L0006613 , L0006614 ,  
 L0006615 , L0006616 ,  
  
 L0006617 , L0006618 , L0006619 , L0006620 , L0006621 , L0006622 ,  
 L0006623 , L0006624 ,  
  
 L0006625 , L0006626 , L0006627 , L0006628 , L0006629 , L0006630 ,  
 L0006631 , L0006632 ,

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 VALLEY\13594 OPS\1359 \*\*\* 07/19/23  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* SOURCE IDs DEFINED AS URBAN SOURCES \*\*\*

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----
L0006633 L0006639	, L0006634 , L0006640	, L0006635 , L0006636 , L0006637 , L0006638 , ,
L0006641 L0006647	, L0006642 , L0006648	, L0006643 , L0006644 , L0006645 , L0006646 , ,
L0007013 L0007019	, L0007014 , L0007020	, L0007015 , L0007016 , L0007017 , L0007018 , ,
L0007021 L0007027	, L0007022 , L0007028	, L0007023 , L0007024 , L0007025 , L0007026 , ,
L0007029 L0007035	, L0007030 , L0007036	, L0007031 , L0007032 , L0007033 , L0007034 , ,
L0007037 L0007043	, L0007038 , L0007044	, L0007039 , L0007040 , L0007041 , L0007042 , ,
L0007045 L0007051	, L0007046 , L0007052	, L0007047 , L0007048 , L0007049 , L0007050 , ,
L0007053 L0007059	, L0007054 , L0007060	, L0007055 , L0007056 , L0007057 , L0007058 , ,
L0007061 L0007067	, L0007062 , L0007068	, L0007063 , L0007064 , L0007065 , L0007066 , ,
L0007069 L0007075	, L0007070 , L0007076	, L0007071 , L0007072 , L0007073 , L0007074 , ,
L0007077 L0007083	, L0007078 , L0007084	, L0007079 , L0007080 , L0007081 , L0007082 , ,
L0007085 L0007091	, L0007086 , L0007092	, L0007087 , L0007088 , L0007089 , L0007090 , ,
L0007093	, L0007094	, L0007095 , L0007096 , L0007132 , L0007133 , ,

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L0007134 , L0007135 ,
L0007136 , L0007137 , L0007138 , L0007139 , L0007140 , L0007141 ,
L0007142 , L0007143 ,
L0007144 , L0007145 , L0007146 , L0007147 , L0007148 , L0007149 ,
L0007150 , L0007151 ,
L0007152 , L0007153 , L0007154 , L0007155 , L0007156 , L0007157 ,
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L0007168 , L0007169 , L0007170 , L0007171 , L0007172 , L0007173 ,
L0007174 , L0007175 ,
L0007176 , L0007177 , L0007178 , L0007179 , L0007180 , L0007181 ,
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VALLEY\13594 OPS\1359 *** 07/19/23

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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\*\*\* SOURCE IDs DEFINED AS URBAN SOURCES \*\*\*

URBAN ID	URBAN POP	SOURCE IDs					
-----	-----	-----	-----	-----	-----	-----	-----
L0007192	L0007193	L0007194	L0007195	L0007196	L0007197		
L0007198	L0007199						
L0007200	L0007201	L0007202	L0007203	L0007204	L0007205		
L0007206	L0007207						
L0007208	L0007209	L0007210	L0007211	L0007212	L0007213		
L0007214	L0007215						
L0007216	L0007217	L0007218	L0007219	L0007220	L0007221		
L0007222	L0007223						
L0007224	L0007225	L0007226	L0007227	L0007228	L0007229		
L0007230	L0007231						
L0007232	L0007233	L0007234	L0007235	L0007236	L0007237		
L0007238	L0007239						
L0007240	L0007241	L0007242	L0007243	L0007244	L0007245		
L0007246	L0007247						
L0007248	L0007249	L0007250	L0007251	L0007252	L0007253		
L0007254	L0007255						
L0007256	L0007257	L0007258	L0007259	L0007260	L0007261		
L0007262	L0007263						
L0007264	L0007265	L0007266	L0007267	L0007268	L0007269		
L0007270	L0007271						



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L0007272 , L0007273 , L0007274 , L0007275 , L0007276 , L0007277 ,
L0007278 , L0007279 ,

L0007280 , L0007281 , L0007282 , L0007283 , L0007284 , L0007285 ,
L0007286 , L0007287 ,

L0007288 , L0007289 , L0007290 , L0007291 , L0007292 , L0007293 ,
L0007294 , L0007295 ,

L0007296 , L0007297 , L0007298 , L0007299 , L0007300 , L0007301 ,
L0007302 , L0007303 ,

L0007304 , L0007305 , L0007306 , L0007307 , L0007308 , L0007309 ,
L0007310 , L0007311 ,

L0007312 , L0007313 , L0007314 , L0007315 , L0007316 , L0007317 ,
L0007318 , L0007319 ,

L0007320 , L0007321 , L0007322 , L0007323 , L0007324 , L0007325 ,
L0007326 , L0007327 ,

L0007328 , L0007329 , L0007330 , L0007331 , L0007332 , L0007333 ,
L0007334 , L0007335 ,

L0007336 , L0007337 , L0007338 , L0007339 , L0007340 , L0007341 ,
L0007342 , L0007343 ,

L0007344 , L0007345 , L0007346 , L0007347 , L0007348 , L0007349 ,
L0007350 , L0007351 ,

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*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK
VALLEY\13594 OPS\1359 *** 07/19/23

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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*** SOURCE IDs DEFINED AS URBAN SOURCES ***

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URBAN ID	URBAN POP	SOURCE IDs					
-----	-----	-----	-----	-----	-----	-----	-----
L0007352	, L0007353	, L0007354	, L0007355	, L0007356	, L0007357	,	
L0007358	, L0007359	,					
L0007360	, L0007361	, L0007362	, L0007363	, L0007364	, L0007365	,	
L0007366	, L0007367	,					
L0007368	, L0007369	, L0007370	, L0007371	, L0007372	, L0007373	,	
L0007374	, L0007375	,					
L0007376	, L0007377	, L0007378	, L0007379	, L0007380	, L0007381	,	
L0007382	, L0007383	,					
L0007384	, L0007385	, L0007386	, L0007387	, L0007388	, L0007389	,	
L0007390	, L0007391	,					
L0007392	, L0007393	, L0007394	, L0007395	, L0007396	, L0007397	,	
L0007398	, L0007399	,					
L0007400	, L0007401	, L0007402	, L0007403	, L0007404	, L0007405	,	
L0007406	, L0007407	,					

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
 (METERS)

( 496341.0, 3759079.4, 695.0, 707.0, 0.0);	( 496358.1, 3759095.6, 695.6, 707.0, 0.0);
( 496369.3, 3759106.8, 696.4, 707.0, 0.0);	( 496379.1, 3759119.0, 698.4, 707.0, 0.0);
( 496388.5, 3759129.6, 699.4, 707.0, 0.0);	( 496397.2, 3759143.4, 701.5, 707.0, 0.0);
( 496409.0, 3759156.5, 703.1, 707.0, 0.0);	( 496421.3, 3759166.3, 703.0, 842.0, 0.0);
( 496417.0, 3759183.1, 705.0, 705.0, 0.0);	( 496440.1, 3759209.9, 705.4, 842.0, 0.0);
( 496450.9, 3759221.0, 705.6, 842.0, 0.0);	( 496460.9, 3759229.0, 705.8, 843.0, 0.0);
( 496472.3, 3759236.4, 705.9, 843.0, 0.0);	( 496484.7, 3759243.1, 706.1, 843.0, 0.0);
( 496470.6, 3759296.4, 707.0, 843.0, 0.0);	( 496486.4, 3759314.5, 707.0, 843.0, 0.0);
( 496491.4, 3759328.9, 707.2, 843.0, 0.0);	( 496495.8, 3759344.0, 707.5, 843.0, 0.0);
( 496497.5, 3759358.8, 708.3, 843.0, 0.0);	( 496510.5, 3759394.6, 713.5, 843.0, 0.0);
( 496520.9, 3759399.0, 715.6, 843.0, 0.0);	( 496538.7, 3759406.0, 718.8, 843.0, 0.0);
( 496553.8, 3759407.4, 719.4, 843.0, 0.0);	( 496568.5, 3759412.7, 719.7, 843.0, 0.0);
( 496585.3, 3759415.8, 719.2, 843.0, 0.0);	( 496596.0, 3759421.1, 719.1, 844.0, 0.0);
( 496612.1, 3759423.1, 719.1, 858.0, 0.0);	( 496627.2, 3759427.5, 719.4, 858.0, 0.0);
( 496640.3, 3759432.8, 719.8, 858.0, 0.0);	( 496655.4, 3759435.5, 720.0, 858.0, 0.0);
( 496673.1, 3759439.9, 723.9, 858.0, 0.0);	( 496688.2, 3759442.6, 728.1, 843.0, 0.0);
( 496699.3, 3759446.6, 729.2, 843.0, 0.0);	( 496715.0, 3759453.0, 730.6, 843.0, 0.0);
( 496730.5, 3759455.3, 730.5, 858.0, 0.0);	( 495941.6, 3758882.3, 694.0, 723.0, 0.0);
( 495914.1, 3758939.3, 694.8, 723.0, 0.0);	( 495896.3, 3758929.9, 696.2, 723.0, 0.0);
( 495871.5, 3758934.6, 699.8, 709.0, 0.0);	( 495858.1, 3758949.4, 699.3, 709.0, 0.0);
( 495843.7, 3758964.8, 697.5, 709.0, 0.0);	( 495823.6, 3758974.9, 698.5, 709.0, 0.0);
( 495814.5, 3758982.6, 698.1, 710.0, 0.0);	( 495799.8, 3759009.1, 696.5, 710.0, 0.0);
( 495743.8, 3759027.5, 693.9, 712.0, 0.0);	( 495646.2, 3759021.8, 695.1, 712.0, 0.0);
( 496598.8, 3759646.9, 717.9, 893.0, 0.0);	( 496492.6, 3759723.0, 719.1, 858.0, 0.0);
( 496299.5, 3759737.0, 707.0, 844.0, 0.0);	( 496264.3, 3759750.9, 706.9, 844.0, 0.0);
( 496246.4, 3759816.2, 709.9, 844.0, 0.0);	( 496096.5, 3759815.1, 708.4, 843.0, 0.0);
( 496025.8, 3759849.9, 709.0, 843.0, 0.0);	( 496050.6, 3759849.9, 709.0, 843.0, 0.0);

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709.5,      843.0,      0.0);
( 496074.8, 3759851.6,      709.8,      843.0,      0.0); ( 496097.4, 3759853.6,
709.7,      843.0,      0.0);
( 496115.0, 3759855.0,      709.1,      843.0,      0.0); ( 495968.8, 3759877.5,
709.0,      843.0,      0.0);
( 495945.2, 3759890.6,      709.1,      843.0,      0.0); ( 495818.4, 3759902.9,
706.5,      706.5,      0.0);
( 495795.0, 3759897.2,      706.1,      706.1,      0.0); ( 495750.7, 3759967.0,
706.5,      774.0,      0.0);
( 495574.7, 3760037.4,      706.8,      774.0,      0.0); ( 495639.1, 3760059.2,
706.0,      774.0,      0.0);
( 495392.6, 3760053.8,      703.3,      774.0,      0.0); ( 495407.4, 3760063.5,
703.5,      774.0,      0.0);
( 495607.9, 3759027.2,      693.1,      712.0,      0.0); ( 497393.7, 3759162.9,
734.8,      905.0,      0.0);
( 497373.8, 3758814.8,      727.2,      893.0,      0.0); ( 497196.6, 3758608.5,
719.2,      719.2,      0.0);
( 496137.4, 3758639.1,      715.9,      721.0,      0.0); ( 496178.9, 3758611.8,
718.9,      718.9,      0.0);
( 496681.3, 3758518.6,      720.6,      720.6,      0.0); ( 496294.3, 3758539.6,
714.6,      719.0,      0.0);
( 496310.8, 3758526.0,      715.0,      719.0,      0.0); ( 496325.4, 3758514.7,
715.5,      719.0,      0.0);
( 496343.3, 3758499.1,      713.6,      719.0,      0.0); ( 496360.7, 3758482.6,
712.5,      719.0,      0.0);
( 496373.9, 3758471.3,      714.2,      716.0,      0.0); ( 496389.0, 3758461.9,
716.3,      716.3,      0.0);
( 496405.0, 3758449.7,      717.4,      717.4,      0.0); ( 496424.3, 3758440.7,
718.3,      718.3,      0.0);
( 496447.4, 3758421.4,      719.0,      731.0,      0.0); ( 495833.7, 3758795.5,
707.9,      718.0,      0.0);
( 495834.1, 3758774.3,      709.7,      718.0,      0.0); ( 495837.4, 3758755.0,
710.9,      718.0,      0.0);
( 495840.3, 3758735.2,      713.2,      718.0,      0.0); ( 495844.5, 3758714.5,
716.7,      718.0,      0.0);
( 495848.3, 3758697.1,      715.8,      718.0,      0.0); ( 495854.4, 3758679.6,
713.6,      718.0,      0.0);

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*** AERMOD - VERSION 22112 *** ** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK
VALLEY\13594 OPS\1359 *** 07/19/23
*** AERMET - VERSION 16216 ***

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\*\*\* 13:08:23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

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( 495875.6, 3758632.5,      708.1,      723.0,      0.0); ( 495885.5, 3758616.5,
709.0,      723.0,      0.0);
( 496260.8, 3759209.3,      701.1,      707.0,      0.0); ( 496298.4, 3759297.0,
705.1,      705.1,      0.0);
( 496388.5, 3759341.9,      706.1,      843.0,      0.0); ( 496694.2, 3759532.9,
724.8,      868.0,      0.0);
( 496828.6, 3759499.4,      733.0,      893.0,      0.0); ( 495364.4, 3760080.6,
703.3,      774.0,      0.0);
( 495377.2, 3760052.5,      703.1,      774.0,      0.0); ( 495244.0, 3759737.3,
692.6,      692.6,      0.0);
( 495252.8, 3759702.8,      692.0,      692.0,      0.0); ( 495586.3, 3759016.9,
690.1,      712.0,      0.0);
( 495316.8, 3758993.7,      682.9,      710.0,      0.0); ( 496355.8, 3759067.3,
695.0,      707.0,      0.0);
( 496365.3, 3759054.0,      695.2,      707.0,      0.0); ( 496385.2, 3759034.8,
695.5,      695.5,      0.0);
( 496406.7, 3759015.5,      696.1,      707.0,      0.0); ( 496414.2, 3758994.0,

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696.1,      705.0,      0.0);
( 496396.4, 3759026.2,      695.7,      705.0,      0.0);      ( 496939.5, 3758981.8,
718.8,      718.8,      0.0);
( 495255.9, 3760286.1,      703.9,      774.0,      0.0);      ( 495398.2, 3760167.6,
707.0,      774.0,      0.0);
( 495342.3, 3760180.4,      703.8,      774.0,      0.0);      ( 495188.5, 3760431.4,
711.6,      774.0,      0.0);
( 495361.9, 3760389.2,      707.0,      774.0,      0.0);      ( 495376.5, 3760372.0,
706.2,      774.0,      0.0);
( 495114.4, 3760603.8,      721.4,      721.4,      0.0);      ( 495140.5, 3760603.8,
722.2,      722.2,      0.0);
( 494827.9, 3761429.0,      736.0,      740.0,      0.0);      ( 494940.4, 3761394.5,
726.8,      740.0,      0.0);
( 494975.4, 3761316.5,      729.3,      732.0,      0.0);      ( 494884.4, 3761201.1,
718.8,      718.8,      0.0);
( 495229.4, 3760941.7,      730.2,      732.0,      0.0);      ( 496485.4, 3758210.4,
719.0,      731.0,      0.0);
( 496236.6, 3758545.2,      716.8,      719.0,
0.0);

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*** AERMOD - VERSION 22112 ***      *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK
VALLEY\13594 OPS\1359 ***      07/19/23

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*** AERMET - VERSION 16216 ***
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***      13:08:23

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

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1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

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NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

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*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES
***
(METERS/SEC)

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1.54, 3.09, 5.14, 8.23, 10.80,

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*** AERMOD - VERSION 22112 ***      *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK
VALLEY\13594 OPS\1359 ***      07/19/23

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*** AERMET - VERSION 16216 ***
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***      13:08:23

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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\*\*\* UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA \*\*\*

Surface file:  
 RDLD\_V9\_ADJU\RDLD\_V9.SFC  
 Version: 16216  
 Profile file:  
 RDLD\_V9\_ADJU\RDLD\_V9.PFL  
 Surface format:  
 FREE

Met

Profile format:  
 FREE

Surface station no.: 3171  
 Name: UNKNOWN  
 UNKNOWN  
 Year: 2012

Upper air station no.: 3190  
 Name:  
 Year: 2012

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													
12	01	01	1	01	-10.6	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30		
110.	9.1	285.4	5.5														
12	01	01	1	02	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90		
130.	9.1	284.5	5.5														
12	01	01	1	03	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90		
100.	9.1	285.0	5.5														
12	01	01	1	04	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90		
107.	9.1	284.6	5.5														
12	01	01	1	05	-10.7	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30		
98.	9.1	284.9	5.5														
12	01	01	1	06	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90		
86.	9.1	284.5	5.5														
12	01	01	1	07	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90		
91.	9.1	284.0	5.5														
12	01	01	1	08	-4.0	0.102	-9.000	-9.000	-999.	78.	22.9	0.32	3.22	0.54	0.90		
107.	9.1	285.0	5.5														
12	01	01	1	09	44.6	0.237	0.382	0.006	43.	276.	-25.6	0.15	3.22	0.33	2.10		
81.	10.1	289.1	5.5														
12	01	01	1	10	134.3	0.111	0.882	0.008	176.	99.	-1.0	0.32	3.22	0.26	0.40		
72.	9.1	295.1	5.5														
12	01	01	1	11	199.8	0.409	1.429	0.005	503.	627.	-29.4	0.15	3.22	0.23	3.68		
78.	10.1	297.9	5.5														
12	01	01	1	12	232.3	0.300	1.889	0.005	999.	402.	-10.0	0.32	3.22	0.22	1.80		
333.	9.1	299.4	5.5														
12	01	01	1	13	230.0	0.300	2.134	0.005	1453.	394.	-10.1	0.32	3.22	0.22	1.80		
72.	9.1	300.4	5.5														
12	01	01	1	14	194.0	0.294	2.109	0.005	1663.	382.	-11.2	0.32	3.22	0.24	1.80		
277.	9.1	301.0	5.5														
12	01	01	1	15	126.3	0.378	1.872	0.005	1784.	557.	-36.5	0.32	3.22	0.27	2.70		
243.	9.1	301.0	5.5														
12	01	01	1	16	39.5	0.199	1.278	0.005	1817.	240.	-17.2	0.32	3.22	0.36	1.30		
274.	9.1	300.1	5.5														
12	01	01	1	17	-4.7	0.101	-9.000	-9.000	-999.	85.	19.0	0.32	3.22	0.65	0.90		
252.	9.1	298.2	5.5														
12	01	01	1	18	-4.9	0.102	-9.000	-9.000	-999.	78.	18.2	0.32	3.22	1.00	0.90		
116.	9.1	296.4	5.5														
12	01	01	1	19	-18.8	0.204	-9.000	-9.000	-999.	220.	45.6	0.15	3.22	1.00	2.27		
79.	10.1	292.2	5.5														
12	01	01	1	20	-5.0	0.102	-9.000	-9.000	-999.	83.	18.1	0.32	3.22	1.00	0.90		
95.	9.1	290.2	5.5														
12	01	01	1	21	-5.0	0.102	-9.000	-9.000	-999.	78.	18.0	0.32	3.22	1.00	0.90		
99.	9.1	287.8	5.5														
12	01	01	1	22	-5.0	0.102	-9.000	-9.000	-999.	78.	18.0	0.32	3.22	1.00	0.90		
110.	9.1	287.6	5.5														
12	01	01	1	23	-10.6	0.149	-9.000	-9.000	-999.	138.	26.8	0.32	3.22	1.00	1.30		

89. 9.1 287.2 5.5  
 12 01 01 1 24 -5.0 0.102 -9.000 -9.000 -999. 78. 17.9 0.32 3.22 1.00 0.90  
 105. 9.1 285.9 5.5

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
12	01	01	01	5.5	0	-999.	-99.00	285.5	99.0	-99.00	-99.00
12	01	01	01	9.1	1	110.	1.30	-999.0	99.0	-99.00	-99.00

F indicates top of profile (=1) or below (=0)

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK VALLEY\13594 OPS\1359 \*\*\* 07/19/23

\*\*\* AERMET - VERSION 16216 \*\*\*

\*\*\* 13:08:23

PAGE 100

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): L0005414 , L0005415 ,  
 L0005416 , L0005417 , L0005418 ,  
 L0005419 , L0005420 , L0005421 , L0005422 , L0005423 ,  
 L0005424 , L0005425 , L0005426 ,  
 L0005427 , L0005428 , L0005429 , L0005430 , L0005431 ,  
 L0005432 , L0005433 , L0005434 ,  
 L0005435 , L0005436 , L0005437 , L0005438 , L0005439 ,  
 L0005440 , L0005441 , . . . ,

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF DPM IN MICROGRAMS/M\*\*3 \*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
496340.95	3759079.40	0.00354	496358.12	
3759095.64	0.00295			
496369.26	3759106.78	0.00277	496379.07	
3759119.00	0.00267			
496388.54	3759129.65	0.00261	496397.22	
3759143.45	0.00262			
496409.05	3759156.47	0.00260	496421.27	
3759166.33	0.00258			
496417.00	3759183.08	0.00270	496440.14	
3759209.90	0.00276			
496450.86	3759220.96	0.00279	496460.92	
3759229.01	0.00280			
496472.32	3759236.38	0.00279	496484.73	
3759243.09	0.00278			
496470.65	3759296.39	0.00360	496486.40	
3759314.50	0.00377			
496491.43	3759328.92	0.00402	496495.79	
3759344.00	0.00434			
496497.47	3759358.75	0.00479	496510.54	
3759394.63	0.00596			
496520.93	3759398.99	0.00570	496538.70	
3759406.03	0.00514			
496553.79	3759407.37	0.00467	496568.54	
3759412.73	0.00439			
496585.30	3759415.75	0.00406	496596.03	
3759421.11	0.00391			
496612.13	3759423.12	0.00357	496627.21	

3759427.48	0.00332		
496640.29	3759432.85	0.00314	496655.37
3759435.53	0.00292		
496673.14	3759439.89	0.00263	496688.23
3759442.57	0.00234		
496699.29	3759446.59	0.00222	496715.05
3759452.96	0.00207		
496730.47	3759455.31	0.00197	495941.60
3758882.35	0.00119		
495914.11	3758939.34	0.00134	495896.34
3758929.95	0.00129		
495871.53	3758934.65	0.00127	495858.12
3758949.40	0.00131		
495843.70	3758964.82	0.00134	495823.59
3758974.88	0.00135		
495814.54	3758982.59	0.00136	495799.78
3759009.07	0.00143		
495743.80	3759027.51	0.00140	495646.23
3759021.81	0.00121		
496598.80	3759646.86	0.00277	496492.60
3759723.05	0.00268		
496299.55	3759736.98	0.00510	496264.28
3759750.90	0.00523		
496246.41	3759816.23	0.00351	496096.51
3759815.09	0.00493		
496025.83	3759849.86	0.00420	496050.63
3759849.86	0.00402		
496074.85	3759851.57	0.00383	496097.36
3759853.57	0.00369		
496115.03	3759854.99	0.00360	495968.83
3759877.51	0.00360		
495945.18	3759890.62	0.00331	495818.36
3759902.87	0.00301		
495794.99	3759897.17	0.00308	495750.74
3759966.98	0.00230		
495574.71	3760037.40	0.00167	495639.08
3760059.19	0.00158		
495392.64	3760053.83	0.00135	495407.39
3760063.55	0.00132		
495607.89	3759027.21	0.00116	497393.72
3759162.94	0.00052		
497373.78	3758814.81	0.00043	497196.65
3758608.54	0.00052		
496137.44	3758639.11	0.00063	496178.88
3758611.79	0.00058		
496681.33	3758518.63	0.00086	496294.32
3758539.62	0.00060		
496310.81	3758525.97	0.00059	496325.41
3758514.66	0.00058		
496343.30	3758499.12	0.00059	496360.73
3758482.64	0.00060		
496373.91	3758471.34	0.00058	496388.98
3758461.92	0.00056		

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK VALLEY\13594 OPS\1359 \*\*\* 07/19/23

\*\*\* AERMET - VERSION 16216 \*\*\*  
\*\*\*

\*\*\* 13:08:23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL \*\*\*

INCLUDING SOURCE(S): L0005414 , L0005415 ,  
L0005416 , L0005417 , L0005418 ,  
L0005419 , L0005420 , L0005421 , L0005422 , L0005423 ,

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L0005424 , L0005425 , L0005426 ,
L0005427 , L0005428 , L0005429 , L0005430 , L0005431 ,
L0005432 , L0005433 , L0005434 ,
L0005435 , L0005436 , L0005437 , L0005438 , L0005439 ,
L0005440 , L0005441 , . . . ,

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\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

		** CONC OF DPM MICROGRAMS/M**3	IN		
X-COORD (M) (M)	Y-COORD (M) CONC	CONC		X-COORD (M)	Y-COORD
496404.99	3758449.67	0.00055		496424.30	
3758440.73	0.00056				
496447.38	3758421.42	0.00061		495833.67	
3758795.49	0.00084				
495834.14	3758774.30	0.00078		495837.43	
3758754.99	0.00074				
495840.26	3758735.21	0.00068		495844.50	
3758714.49	0.00061				
495848.26	3758697.06	0.00060		495854.39	
3758679.64	0.00062				
495875.58	3758632.55	0.00065		495885.47	
3758616.53	0.00062				
496260.78	3759209.31	0.00568		496298.43	
3759297.02	0.00688				
496388.54	3759341.88	0.00598		496694.24	
3759532.90	0.00239				
496828.59	3759499.44	0.00143		495364.41	
3760080.59	0.00122				
495377.18	3760052.54	0.00135		495243.97	
3759737.26	0.00155				
495252.84	3759702.83	0.00145		495586.26	
3759016.90	0.00110				
495316.81	3758993.72	0.00072		496355.84	
3759067.33	0.00338				
496365.28	3759053.99	0.00345		496385.21	
3759034.77	0.00336				
496406.74	3759015.55	0.00324		496414.21	
3758994.02	0.00386				
496396.42	3759026.22	0.00325		496939.51	
3758981.79	0.00084				
495255.87	3760286.13	0.00078		495398.25	
3760167.62	0.00095				
495342.35	3760180.39	0.00092		495188.48	
3760431.37	0.00071				
495361.91	3760389.24	0.00061		495376.45	
3760371.99	0.00064				
495114.36	3760603.80	0.00063		495140.53	
3760603.80	0.00047				
494827.88	3761428.97	0.00018		494940.36	
3761394.47	0.00017				
494975.44	3761316.49	0.00017		494884.41	
3761201.12	0.00026				
495229.38	3760941.66	0.00023		496485.43	
3758210.45	0.00038				
496236.63	3758545.17				
0.00056					



\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE SUMMARY OF MAXIMUM PERIOD ( 43848 HRS) RESULTS  
\*\*\*

\*\* CONC OF DPM IN  
MICROGRAMS/M\*\*3 \*\*

NETWORK

GROUP ID NETWORK AVERAGE CONC RECEPTOR (XR, YR, ZELEV, ZHILL,

ZFLAG) OF TYPE GRID-ID

-----

GROUP ID	NETWORK	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL,
ALL	1ST HIGHEST VALUE IS	0.00688 AT (	496298.43, 3759297.02, 705.14,
705.14,	0.00) DC		
	2ND HIGHEST VALUE IS	0.00598 AT (	496388.54, 3759341.88, 706.09,
	843.00, 0.00) DC		
	3RD HIGHEST VALUE IS	0.00596 AT (	496510.54, 3759394.63, 713.48,
	843.00, 0.00) DC		
	4TH HIGHEST VALUE IS	0.00570 AT (	496520.93, 3759398.99, 715.61,
	843.00, 0.00) DC		
	5TH HIGHEST VALUE IS	0.00568 AT (	496260.78, 3759209.31, 701.07,
	707.00, 0.00) DC		
	6TH HIGHEST VALUE IS	0.00523 AT (	496264.28, 3759750.90, 706.88,
	844.00, 0.00) DC		
	7TH HIGHEST VALUE IS	0.00514 AT (	496538.70, 3759406.03, 718.76,
	843.00, 0.00) DC		
	8TH HIGHEST VALUE IS	0.00510 AT (	496299.55, 3759736.98, 707.00,
	844.00, 0.00) DC		
	9TH HIGHEST VALUE IS	0.00493 AT (	496096.51, 3759815.09, 708.43,
	843.00, 0.00) DC		
	10TH HIGHEST VALUE IS	0.00479 AT (	496497.47, 3759358.75, 708.28,
	843.00, 0.00) DC		

\*\*\* RECEPTOR TYPES: GC = GRIDCART  
GP = GRIDPOLR  
DC = DISCCART  
DP = DISCPOLR

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK  
VALLEY\13594 OPS\1359 \*\*\* 07/19/23

\*\*\* AERMET - VERSION 16216 \*\*\*  
\*\*\*

\*\*\* 13:08:23

\*\*\* 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 2 Warning Message(s)
- A Total of 388 Informational Message(s)
- A Total of 43848 Hours Were Processed
- A Total of 191 Calm Hours Identified
- A Total of 197 Missing Hours Identified ( 0.45 Percent)

\*\*\*\*\* FATAL ERROR MESSAGES \*\*\*\*\*  
\*\*\* NONE \*\*\*

\*\*\*\*\* WARNING MESSAGES \*\*\*\*\*

ME W186	6083	MEOpen: THRESH_1MIN 1-min ASOS wind speed threshold used	0.50
ME W187	6083	MEOpen: ADJ_U* Option for Stable Low Winds used in AERMET	

\*\*\*\*\*  
\*\*\* AERMOD Finishes Successfully \*\*\*  
\*\*\*\*\*

```
**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 11.2.0
** Lakes Environmental Software Inc.
** Date: 7/19/2023
** File: C:\Users\Michael Tirohn\Desktop\HRAs\13594 Oak Valley\13594 Ops Scenario 2\13594 Ops
Scenario 2.ADI
**
```

```
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
```

```
CO STARTING
TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\13594 Oak Valley\13594 Ops\1359
MODELOPT DFAULT CONC
AVERTIME PERIOD
URBANOPT 2189641 Riverside_County
POLLUTID DPM
RUNORNOT RUN
ERRORFIL "13594 Ops Scenario 2.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 = SLINE4
** DESCRSRC Bldg 3 Idle N
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 0.00002294
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 496104.802, 3759601.605, 702.26, 3.49, 4.00
** 496327.405, 3759504.216, 705.86, 3.49, 4.00
```

```
-----
```

LOCATION	VOLUME	X Coord.	Y Coord.	Length	Config
L0006649	496108.737	3759599.883	701.27	8.59	Adjacent
L0006650	496116.607	3759596.440	700.64	8.59	Adjacent
L0006651	496124.477	3759592.997	700.23	8.59	Adjacent
L0006652	496132.346	3759589.554	700.11	8.59	Adjacent
L0006653	496140.216	3759586.111	700.00	8.59	Adjacent
L0006654	496148.086	3759582.668	699.88	8.59	Adjacent
L0006655	496155.956	3759579.225	699.95	8.59	Adjacent
L0006656	496163.826	3759575.782	700.10	8.59	Adjacent
L0006657	496171.695	3759572.339	700.25	8.59	Adjacent
L0006658	496179.565	3759568.896	700.40	8.59	Adjacent
L0006659	496187.435	3759565.453	700.47	8.59	Adjacent
L0006660	496195.305	3759562.010	700.59	8.59	Adjacent
L0006661	496203.175	3759558.567	700.78	8.59	Adjacent
L0006662	496211.044	3759555.124	701.02	8.59	Adjacent
L0006663	496218.914	3759551.681	701.28	8.59	Adjacent
L0006664	496226.784	3759548.238	701.55	8.59	Adjacent

LOCATION	L0006665	VOLUME	496234.654	3759544.794	701.81
LOCATION	L0006666	VOLUME	496242.523	3759541.351	702.07
LOCATION	L0006667	VOLUME	496250.393	3759537.908	702.33
LOCATION	L0006668	VOLUME	496258.263	3759534.465	702.59
LOCATION	L0006669	VOLUME	496266.133	3759531.022	702.86
LOCATION	L0006670	VOLUME	496274.003	3759527.579	703.24
LOCATION	L0006671	VOLUME	496281.872	3759524.136	703.74
LOCATION	L0006672	VOLUME	496289.742	3759520.693	704.17
LOCATION	L0006673	VOLUME	496297.612	3759517.250	704.54
LOCATION	L0006674	VOLUME	496305.482	3759513.807	704.83
LOCATION	L0006675	VOLUME	496313.352	3759510.364	705.13
LOCATION	L0006676	VOLUME	496321.221	3759506.921	705.50

\*\* End of LINE VOLUME Source ID = SLINE4

\*\* -----

\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE5

\*\* DESCRSRC Bldg 3 Idle S

\*\* PREFIX

\*\* Length of Side = 8.59

\*\* Configuration = Adjacent

\*\* Emission Rate = 0.00002294

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 2

\*\* 496069.093, 3759496.332, 696.90, 3.49, 4.00

\*\* 496267.117, 3759411.928, 700.93, 3.49, 4.00

\*\* -----

LOCATION	L0006677	VOLUME	496073.044	3759494.648	696.95
LOCATION	L0006678	VOLUME	496080.946	3759491.280	696.84
LOCATION	L0006679	VOLUME	496088.848	3759487.912	696.72
LOCATION	L0006680	VOLUME	496096.750	3759484.544	696.61
LOCATION	L0006681	VOLUME	496104.653	3759481.175	696.50
LOCATION	L0006682	VOLUME	496112.555	3759477.807	696.39
LOCATION	L0006683	VOLUME	496120.457	3759474.439	696.28
LOCATION	L0006684	VOLUME	496128.359	3759471.071	696.43
LOCATION	L0006685	VOLUME	496136.261	3759467.703	696.58
LOCATION	L0006686	VOLUME	496144.163	3759464.335	696.73
LOCATION	L0006687	VOLUME	496152.065	3759460.967	696.88
LOCATION	L0006688	VOLUME	496159.968	3759457.599	697.03
LOCATION	L0006689	VOLUME	496167.870	3759454.230	697.18
LOCATION	L0006690	VOLUME	496175.772	3759450.862	697.33
LOCATION	L0006691	VOLUME	496183.674	3759447.494	697.55
LOCATION	L0006692	VOLUME	496191.576	3759444.126	697.91
LOCATION	L0006693	VOLUME	496199.478	3759440.758	698.33
LOCATION	L0006694	VOLUME	496207.380	3759437.390	698.80
LOCATION	L0006695	VOLUME	496215.283	3759434.022	699.09
LOCATION	L0006696	VOLUME	496223.185	3759430.654	699.24
LOCATION	L0006697	VOLUME	496231.087	3759427.285	699.39
LOCATION	L0006698	VOLUME	496238.989	3759423.917	699.54
LOCATION	L0006699	VOLUME	496246.891	3759420.549	699.81
LOCATION	L0006700	VOLUME	496254.793	3759417.181	700.15
LOCATION	L0006701	VOLUME	496262.695	3759413.813	700.55

\*\* End of LINE VOLUME Source ID = SLINE5

\*\* -----

\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE6

\*\* DESCRSRC Bldg 4 Idle

\*\* PREFIX

\*\* Length of Side = 8.59

\*\* Configuration = Adjacent

\*\* Emission Rate = 0.00004542

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 2

\*\* 496020.862, 3759433.261, 694.16, 3.49, 4.00

\*\* 496244.393, 3759335.872, 699.38, 3.49, 4.00

```

** -----
LOCATION L0006702      VOLUME  496024.800 3759431.546 694.16
LOCATION L0006703      VOLUME  496032.675 3759428.115 694.00
LOCATION L0006704      VOLUME  496040.550 3759424.684 694.00
LOCATION L0006705      VOLUME  496048.425 3759421.253 694.00
LOCATION L0006706      VOLUME  496056.300 3759417.822 694.00
LOCATION L0006707      VOLUME  496064.175 3759414.391 694.03
LOCATION L0006708      VOLUME  496072.050 3759410.959 694.06
LOCATION L0006709      VOLUME  496079.925 3759407.528 694.03
LOCATION L0006710      VOLUME  496087.800 3759404.097 694.00
LOCATION L0006711      VOLUME  496095.675 3759400.666 694.14
LOCATION L0006712      VOLUME  496103.550 3759397.235 694.31
LOCATION L0006713      VOLUME  496111.425 3759393.804 694.41
LOCATION L0006714      VOLUME  496119.300 3759390.373 694.46
LOCATION L0006715      VOLUME  496127.175 3759386.942 694.58
LOCATION L0006716      VOLUME  496135.050 3759383.511 694.73
LOCATION L0006717      VOLUME  496142.925 3759380.080 694.88
LOCATION L0006718      VOLUME  496150.800 3759376.649 695.03
LOCATION L0006719      VOLUME  496158.675 3759373.218 695.20
LOCATION L0006720      VOLUME  496166.550 3759369.787 695.44
LOCATION L0006721      VOLUME  496174.425 3759366.356 695.73
LOCATION L0006722      VOLUME  496182.300 3759362.925 696.10
LOCATION L0006723      VOLUME  496190.176 3759359.494 696.47
LOCATION L0006724      VOLUME  496198.051 3759356.063 696.78
LOCATION L0006725      VOLUME  496205.926 3759352.632 697.03
LOCATION L0006726      VOLUME  496213.801 3759349.201 697.31
LOCATION L0006727      VOLUME  496221.676 3759345.770 697.77
LOCATION L0006728      VOLUME  496229.551 3759342.339 698.45
LOCATION L0006729      VOLUME  496237.426 3759338.908 699.07

```

\*\* End of LINE VOLUME Source ID = SLINE6

\*\* -----

\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE1

\*\* DESCRSRC Bldg 1 Idle

\*\* PREFIX

\*\* Length of Side = 8.59

\*\* Configuration = Adjacent

\*\* Emission Rate = 0.00004365

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 2

\*\* 495759.599, 3759514.278, 698.58, 3.49, 4.00

\*\* 495833.938, 3759679.911, 701.36, 3.49, 4.00

\*\* -----

```

LOCATION L0006730      VOLUME  495761.358 3759518.196 698.71
LOCATION L0006731      VOLUME  495764.875 3759526.033 698.85
LOCATION L0006732      VOLUME  495768.392 3759533.870 698.87
LOCATION L0006733      VOLUME  495771.910 3759541.707 699.01
LOCATION L0006734      VOLUME  495775.427 3759549.544 699.28
LOCATION L0006735      VOLUME  495778.944 3759557.381 699.59
LOCATION L0006736      VOLUME  495782.462 3759565.217 699.51
LOCATION L0006737      VOLUME  495785.979 3759573.054 699.37
LOCATION L0006738      VOLUME  495789.496 3759580.891 699.17
LOCATION L0006739      VOLUME  495793.014 3759588.728 699.17
LOCATION L0006740      VOLUME  495796.531 3759596.565 699.55
LOCATION L0006741      VOLUME  495800.048 3759604.402 699.93
LOCATION L0006742      VOLUME  495803.566 3759612.239 700.31
LOCATION L0006743      VOLUME  495807.083 3759620.076 700.56
LOCATION L0006744      VOLUME  495810.600 3759627.912 700.67
LOCATION L0006745      VOLUME  495814.118 3759635.749 700.79
LOCATION L0006746      VOLUME  495817.635 3759643.586 700.91
LOCATION L0006747      VOLUME  495821.152 3759651.423 701.02
LOCATION L0006748      VOLUME  495824.670 3759659.260 701.14
LOCATION L0006749      VOLUME  495828.187 3759667.097 701.26
LOCATION L0006750      VOLUME  495831.704 3759674.934 701.38

```

\*\* End of LINE VOLUME Source ID = SLINE1

\*\* -----  
\*\* Line Source Represented by Adjacent Volume Sources  
\*\* LINE VOLUME Source ID = SLINE2  
\*\* DESCRSRC Bldg 2 Idle W  
\*\* PREFIX  
\*\* Length of Side = 8.59  
\*\* Configuration = Adjacent  
\*\* Emission Rate = 0.00002302  
\*\* Vertical Dimension = 6.99  
\*\* SZINIT = 3.25  
\*\* Nodes = 2  
\*\* 495913.968, 3759696.590, 703.77, 3.49, 4.00  
\*\* 495839.526, 3759529.331, 699.81, 3.49, 4.00  
\*\* -----

LOCATION L0006751	VOLUME	495912.221	3759692.666	703.55
LOCATION L0006752	VOLUME	495908.728	3759684.818	703.27
LOCATION L0006753	VOLUME	495905.236	3759676.970	703.02
LOCATION L0006754	VOLUME	495901.743	3759669.123	703.00
LOCATION L0006755	VOLUME	495898.250	3759661.275	703.00
LOCATION L0006756	VOLUME	495894.757	3759653.427	703.00
LOCATION L0006757	VOLUME	495891.264	3759645.579	702.99
LOCATION L0006758	VOLUME	495887.771	3759637.731	702.79
LOCATION L0006759	VOLUME	495884.279	3759629.883	702.53
LOCATION L0006760	VOLUME	495880.786	3759622.036	702.20
LOCATION L0006761	VOLUME	495877.293	3759614.188	702.07
LOCATION L0006762	VOLUME	495873.800	3759606.340	702.55
LOCATION L0006763	VOLUME	495870.307	3759598.492	702.84
LOCATION L0006764	VOLUME	495866.814	3759590.644	702.94
LOCATION L0006765	VOLUME	495863.322	3759582.797	702.61
LOCATION L0006766	VOLUME	495859.829	3759574.949	701.88
LOCATION L0006767	VOLUME	495856.336	3759567.101	701.15
LOCATION L0006768	VOLUME	495852.843	3759559.253	700.43
LOCATION L0006769	VOLUME	495849.350	3759551.405	700.00
LOCATION L0006770	VOLUME	495845.857	3759543.557	700.00
LOCATION L0006771	VOLUME	495842.365	3759535.710	700.00

\*\* End of LINE VOLUME Source ID = SLINE2  
\*\* -----  
\*\* Line Source Represented by Adjacent Volume Sources  
\*\* LINE VOLUME Source ID = SLINE3  
\*\* DESCRSRC Bldg 2 Idle E  
\*\* PREFIX  
\*\* Length of Side = 8.59  
\*\* Configuration = Adjacent  
\*\* Emission Rate = 0.00002302  
\*\* Vertical Dimension = 6.99  
\*\* SZINIT = 3.25  
\*\* Nodes = 2  
\*\* 496031.284, 3759643.350, 704.02, 3.49, 4.00  
\*\* 495957.314, 3759476.091, 695.00, 3.49, 4.00  
\*\* -----

LOCATION L0006772	VOLUME	496029.547	3759639.422	704.43
LOCATION L0006773	VOLUME	496026.073	3759631.566	704.90
LOCATION L0006774	VOLUME	496022.599	3759623.710	705.43
LOCATION L0006775	VOLUME	496019.124	3759615.854	706.01
LOCATION L0006776	VOLUME	496015.650	3759607.998	706.14
LOCATION L0006777	VOLUME	496012.175	3759600.142	706.21
LOCATION L0006778	VOLUME	496008.701	3759592.286	706.22
LOCATION L0006779	VOLUME	496005.227	3759584.430	706.04
LOCATION L0006780	VOLUME	496001.752	3759576.574	705.40
LOCATION L0006781	VOLUME	495998.278	3759568.718	704.85
LOCATION L0006782	VOLUME	495994.804	3759560.862	704.44
LOCATION L0006783	VOLUME	495991.329	3759553.006	703.83
LOCATION L0006784	VOLUME	495987.855	3759545.150	702.98
LOCATION L0006785	VOLUME	495984.381	3759537.294	702.44
LOCATION L0006786	VOLUME	495980.906	3759529.438	702.20
LOCATION L0006787	VOLUME	495977.432	3759521.582	701.94

LOCATION L0006788	VOLUME	495973.958	3759513.725	701.36
LOCATION L0006789	VOLUME	495970.483	3759505.869	700.61
LOCATION L0006790	VOLUME	495967.009	3759498.013	699.21
LOCATION L0006791	VOLUME	495963.535	3759490.157	698.01
LOCATION L0006792	VOLUME	495960.060	3759482.301	696.96

\*\* End of LINE VOLUME Source ID = SLINE3

\*\* -----

\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE7

\*\* DESCRSRC Parking Lot Onsite All

\*\* PREFIX

\*\* Length of Side = 8.59

\*\* Configuration = Adjacent

\*\* Emission Rate = 0.00005887

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 9

\*\* 495893.250, 3759363.629, 695.00, 3.49, 4.00

\*\* 495907.828, 3759388.183, 694.91, 3.49, 4.00

\*\* 495922.407, 3759401.994, 694.73, 3.49, 4.00

\*\* 495943.892, 3759416.573, 694.07, 3.49, 4.00

\*\* 495969.213, 3759428.082, 694.89, 3.49, 4.00

\*\* 495983.792, 3759441.127, 694.92, 3.49, 4.00

\*\* 495995.301, 3759458.007, 695.00, 3.49, 4.00

\*\* 496008.345, 3759485.630, 695.97, 3.49, 4.00

\*\* 496115.001, 3759724.262, 704.86, 3.49, 4.00

\*\* -----

LOCATION L0005558	VOLUME	495895.442	3759367.322	695.00
LOCATION L0005559	VOLUME	495899.828	3759374.708	695.00
LOCATION L0005560	VOLUME	495904.214	3759382.094	695.00
LOCATION L0005561	VOLUME	495908.924	3759389.221	695.00
LOCATION L0005562	VOLUME	495915.160	3759395.128	694.84
LOCATION L0005563	VOLUME	495921.396	3759401.036	694.63
LOCATION L0005564	VOLUME	495928.363	3759406.035	694.40
LOCATION L0005565	VOLUME	495935.471	3759410.859	694.30
LOCATION L0005566	VOLUME	495942.579	3759415.682	694.32
LOCATION L0005567	VOLUME	495950.267	3759419.471	694.44
LOCATION L0005568	VOLUME	495958.087	3759423.025	694.56
LOCATION L0005569	VOLUME	495965.907	3759426.580	694.68
LOCATION L0005570	VOLUME	495972.908	3759431.389	694.84
LOCATION L0005571	VOLUME	495979.310	3759437.117	695.00
LOCATION L0005572	VOLUME	495985.243	3759443.255	695.00
LOCATION L0005573	VOLUME	495990.082	3759450.353	695.00
LOCATION L0005574	VOLUME	495994.921	3759457.450	695.00
LOCATION L0005575	VOLUME	495998.681	3759465.165	695.00
LOCATION L0005576	VOLUME	496002.349	3759472.932	695.22
LOCATION L0005577	VOLUME	496006.017	3759480.700	695.48
LOCATION L0005578	VOLUME	496009.626	3759488.495	695.74
LOCATION L0005579	VOLUME	496013.131	3759496.337	696.01
LOCATION L0005580	VOLUME	496016.636	3759504.179	696.82
LOCATION L0005581	VOLUME	496020.141	3759512.022	697.75
LOCATION L0005582	VOLUME	496023.646	3759519.864	698.80
LOCATION L0005583	VOLUME	496027.151	3759527.706	700.04
LOCATION L0005584	VOLUME	496030.656	3759535.549	701.57
LOCATION L0005585	VOLUME	496034.161	3759543.391	702.92
LOCATION L0005586	VOLUME	496037.666	3759551.233	704.21
LOCATION L0005587	VOLUME	496041.171	3759559.076	705.19
LOCATION L0005588	VOLUME	496044.677	3759566.918	705.72
LOCATION L0005589	VOLUME	496048.182	3759574.760	706.24
LOCATION L0005590	VOLUME	496051.687	3759582.603	706.76
LOCATION L0005591	VOLUME	496055.192	3759590.445	706.86
LOCATION L0005592	VOLUME	496058.697	3759598.287	706.60
LOCATION L0005593	VOLUME	496062.202	3759606.130	706.10
LOCATION L0005594	VOLUME	496065.707	3759613.972	705.37
LOCATION L0005595	VOLUME	496069.212	3759621.814	704.62
LOCATION L0005596	VOLUME	496072.717	3759629.657	704.01

LOCATION	L0005597	VOLUME	496076.222	3759637.499	703.59
LOCATION	L0005598	VOLUME	496079.728	3759645.342	703.36
LOCATION	L0005599	VOLUME	496083.233	3759653.184	703.42
LOCATION	L0005600	VOLUME	496086.738	3759661.026	703.56
LOCATION	L0005601	VOLUME	496090.243	3759668.869	703.76
LOCATION	L0005602	VOLUME	496093.748	3759676.711	704.00
LOCATION	L0005603	VOLUME	496097.253	3759684.553	704.00
LOCATION	L0005604	VOLUME	496100.758	3759692.396	704.00
LOCATION	L0005605	VOLUME	496104.263	3759700.238	704.00
LOCATION	L0005606	VOLUME	496107.768	3759708.080	704.09
LOCATION	L0005607	VOLUME	496111.273	3759715.923	704.42
LOCATION	L0005608	VOLUME	496114.779	3759723.765	704.70

\*\* End of LINE VOLUME Source ID = SLINE7

\*\* -----

\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE8

\*\* DESCRSRC Parking Lot 1 E

\*\* PREFIX

\*\* Length of Side = 8.59

\*\* Configuration = Adjacent

\*\* Emission Rate = 9.193E-06

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 9

\*\* 496104.678, 3759728.214, 705.25, 3.49, 4.00

\*\* 495978.801, 3759786.914, 706.76, 3.49, 4.00

\*\* 495931.190, 3759809.089, 706.09, 3.49, 4.00

\*\* 495907.710, 3759804.523, 705.88, 3.49, 4.00

\*\* 495881.621, 3759796.045, 705.00, 3.49, 4.00

\*\* 495855.533, 3759784.957, 704.76, 3.49, 4.00

\*\* 496034.891, 3759707.996, 704.00, 3.49, 4.00

\*\* 496038.805, 3759706.039, 704.00, 3.49, 4.00

\*\* 496055.110, 3759745.824, 705.14, 3.49, 4.00

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LOCATION	L0008197	VOLUME	496100.785	3759730.030	705.32
LOCATION	L0008198	VOLUME	496093.000	3759733.660	705.75
LOCATION	L0008199	VOLUME	496085.215	3759737.290	705.87
LOCATION	L0008200	VOLUME	496077.430	3759740.921	705.79
LOCATION	L0008201	VOLUME	496069.645	3759744.551	705.78
LOCATION	L0008202	VOLUME	496061.860	3759748.182	705.83
LOCATION	L0008203	VOLUME	496054.075	3759751.812	706.14
LOCATION	L0008204	VOLUME	496046.289	3759755.442	706.45
LOCATION	L0008205	VOLUME	496038.504	3759759.073	706.70
LOCATION	L0008206	VOLUME	496030.719	3759762.703	706.88
LOCATION	L0008207	VOLUME	496022.934	3759766.333	706.76
LOCATION	L0008208	VOLUME	496015.149	3759769.964	706.62
LOCATION	L0008209	VOLUME	496007.364	3759773.594	706.48
LOCATION	L0008210	VOLUME	495999.579	3759777.225	706.37
LOCATION	L0008211	VOLUME	495991.793	3759780.855	706.49
LOCATION	L0008212	VOLUME	495984.008	3759784.485	706.61
LOCATION	L0008213	VOLUME	495976.223	3759788.115	706.73
LOCATION	L0008214	VOLUME	495968.436	3759791.741	706.80
LOCATION	L0008215	VOLUME	495960.649	3759795.368	706.66
LOCATION	L0008216	VOLUME	495952.862	3759798.995	706.51
LOCATION	L0008217	VOLUME	495945.075	3759802.622	706.37
LOCATION	L0008218	VOLUME	495937.288	3759806.248	706.34
LOCATION	L0008219	VOLUME	495929.362	3759808.733	706.42
LOCATION	L0008220	VOLUME	495920.930	3759807.094	706.36
LOCATION	L0008221	VOLUME	495912.498	3759805.454	706.31
LOCATION	L0008222	VOLUME	495904.179	3759803.376	706.03
LOCATION	L0008223	VOLUME	495896.010	3759800.721	705.67
LOCATION	L0008224	VOLUME	495887.840	3759798.066	705.31
LOCATION	L0008225	VOLUME	495879.734	3759795.242	705.00
LOCATION	L0008226	VOLUME	495871.828	3759791.882	704.96
LOCATION	L0008227	VOLUME	495863.923	3759788.523	704.86
LOCATION	L0008228	VOLUME	495856.017	3759785.163	704.70



LOCATION	VOLUME	VOLUME	VOLUME	VOLUME
L0008229	495862.944	3759781.777	704.72	
L0008230	495870.838	3759778.390	704.81	
L0008231	495878.732	3759775.003	704.96	
L0008232	495886.626	3759771.615	705.04	
L0008233	495894.520	3759768.228	705.03	
L0008234	495902.413	3759764.841	704.96	
L0008235	495910.307	3759761.454	704.84	
L0008236	495918.201	3759758.066	704.99	
L0008237	495926.095	3759754.679	705.14	
L0008238	495933.989	3759751.292	705.29	
L0008239	495941.883	3759747.905	705.39	
L0008240	495949.777	3759744.518	705.28	
L0008241	495957.671	3759741.130	705.16	
L0008242	495965.565	3759737.743	705.05	
L0008243	495973.459	3759734.356	704.94	
L0008244	495981.353	3759730.969	704.83	
L0008245	495989.247	3759727.581	704.71	
L0008246	495997.141	3759724.194	704.60	
L0008247	496005.035	3759720.807	704.56	
L0008248	496012.929	3759717.420	704.53	
L0008249	496020.823	3759714.032	704.44	
L0008250	496028.717	3759710.645	704.29	
L0008251	496036.565	3759707.159	704.06	
L0008252	496041.113	3759711.671	704.30	
L0008253	496044.370	3759719.619	704.69	
L0008254	496047.628	3759727.568	705.02	
L0008255	496050.885	3759735.516	705.29	
L0008256	496054.143	3759743.464	705.64	

\*\* End of LINE VOLUME Source ID = SLINE8

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\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE9

\*\* DESCRSRC Parking Lot 1 W

\*\* PREFIX

\*\* Length of Side = 8.59

\*\* Configuration = Adjacent

\*\* Emission Rate = 2.459E-06

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 2

\*\* 495847.706, 3759784.305, 704.74, 3.49, 4.00

\*\* 495715.959, 3759745.172, 701.86, 3.49, 4.00

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LOCATION	VOLUME	VOLUME	VOLUME	VOLUME
L0008257	495843.589	3759783.082	704.56	
L0008258	495835.355	3759780.636	704.48	
L0008259	495827.120	3759778.190	704.40	
L0008260	495818.886	3759775.744	704.30	
L0008261	495810.651	3759773.298	704.16	
L0008262	495802.417	3759770.852	704.06	
L0008263	495794.183	3759768.407	704.01	
L0008264	495785.948	3759765.961	703.84	
L0008265	495777.714	3759763.515	703.49	
L0008266	495769.479	3759761.069	703.13	
L0008267	495761.245	3759758.623	702.78	
L0008268	495753.010	3759756.177	702.50	
L0008269	495744.776	3759753.731	702.28	
L0008270	495736.542	3759751.285	702.10	
L0008271	495728.307	3759748.840	702.00	
L0008272	495720.073	3759746.394	702.00	

\*\* End of LINE VOLUME Source ID = SLINE9

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\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE10

\*\* DESCRSRC Parking Lot 2 N

\*\* PREFIX

\*\* Length of Side = 8.59

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** Configuration = Adjacent
** Emission Rate = 0.00004997
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 9
** 496121.635, 3759721.040, 704.65, 3.49, 4.00
** 496179.030, 3759695.604, 703.80, 3.49, 4.00
** 496199.901, 3759689.734, 703.50, 3.49, 4.00
** 496561.227, 3759526.681, 716.16, 3.49, 4.00
** 496553.400, 3759502.549, 716.64, 3.49, 4.00
** 496537.747, 3759485.592, 716.15, 3.49, 4.00
** 496522.746, 3759477.765, 715.00, 3.49, 4.00
** 496152.942, 3759649.297, 701.99, 3.49, 4.00
** 496171.204, 3759693.647, 703.72, 3.49, 4.00

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LOCATION L0008273      VOLUME  496125.562 3759719.300 704.44
LOCATION L0008274      VOLUME  496133.415 3759715.819 704.32
LOCATION L0008275      VOLUME  496141.269 3759712.339 704.21
LOCATION L0008276      VOLUME  496149.122 3759708.859 704.09
LOCATION L0008277      VOLUME  496156.975 3759705.378 703.97
LOCATION L0008278      VOLUME  496164.829 3759701.898 703.86
LOCATION L0008279      VOLUME  496172.682 3759698.417 703.74
LOCATION L0008280      VOLUME  496180.615 3759695.158 703.63
LOCATION L0008281      VOLUME  496188.884 3759692.832 703.68
LOCATION L0008282      VOLUME  496197.153 3759690.507 703.77
LOCATION L0008283      VOLUME  496205.129 3759687.375 703.89
LOCATION L0008284      VOLUME  496212.959 3759683.841 704.02
LOCATION L0008285      VOLUME  496220.789 3759680.308 704.05
LOCATION L0008286      VOLUME  496228.618 3759676.775 704.01
LOCATION L0008287      VOLUME  496236.448 3759673.242 703.99
LOCATION L0008288      VOLUME  496244.278 3759669.708 704.13
LOCATION L0008289      VOLUME  496252.107 3759666.175 704.39
LOCATION L0008290      VOLUME  496259.937 3759662.642 704.65
LOCATION L0008291      VOLUME  496267.767 3759659.109 704.91
LOCATION L0008292      VOLUME  496275.596 3759655.575 705.12
LOCATION L0008293      VOLUME  496283.426 3759652.042 705.35
LOCATION L0008294      VOLUME  496291.256 3759648.509 705.64
LOCATION L0008295      VOLUME  496299.086 3759644.976 705.95
LOCATION L0008296      VOLUME  496306.915 3759641.442 706.22
LOCATION L0008297      VOLUME  496314.745 3759637.909 706.48
LOCATION L0008298      VOLUME  496322.575 3759634.376 706.74
LOCATION L0008299      VOLUME  496330.404 3759630.843 707.00
LOCATION L0008300      VOLUME  496338.234 3759627.309 707.36
LOCATION L0008301      VOLUME  496346.064 3759623.776 707.65
LOCATION L0008302      VOLUME  496353.893 3759620.243 707.89
LOCATION L0008303      VOLUME  496361.723 3759616.710 708.10
LOCATION L0008304      VOLUME  496369.553 3759613.176 708.58
LOCATION L0008305      VOLUME  496377.383 3759609.643 709.01
LOCATION L0008306      VOLUME  496385.212 3759606.110 709.37
LOCATION L0008307      VOLUME  496393.042 3759602.576 709.63
LOCATION L0008308      VOLUME  496400.872 3759599.043 709.78
LOCATION L0008309      VOLUME  496408.701 3759595.510 709.92
LOCATION L0008310      VOLUME  496416.531 3759591.977 710.06
LOCATION L0008311      VOLUME  496424.361 3759588.443 710.21
LOCATION L0008312      VOLUME  496432.190 3759584.910 710.39
LOCATION L0008313      VOLUME  496440.020 3759581.377 710.65
LOCATION L0008314      VOLUME  496447.850 3759577.844 710.91
LOCATION L0008315      VOLUME  496455.680 3759574.310 711.28
LOCATION L0008316      VOLUME  496463.509 3759570.777 711.65
LOCATION L0008317      VOLUME  496471.339 3759567.244 711.95
LOCATION L0008318      VOLUME  496479.169 3759563.711 712.20
LOCATION L0008319      VOLUME  496486.998 3759560.177 712.51
LOCATION L0008320      VOLUME  496494.828 3759556.644 712.96
LOCATION L0008321      VOLUME  496502.658 3759553.111 713.48
LOCATION L0008322      VOLUME  496510.487 3759549.578 714.00
LOCATION L0008323      VOLUME  496518.317 3759546.044 714.18

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LOCATION	L0008324	VOLUME	496526.147	3759542.511	714.48
LOCATION	L0008325	VOLUME	496533.976	3759538.978	714.90
LOCATION	L0008326	VOLUME	496541.806	3759535.445	715.40
LOCATION	L0008327	VOLUME	496549.636	3759531.911	715.68
LOCATION	L0008328	VOLUME	496557.466	3759528.378	715.89
LOCATION	L0008329	VOLUME	496559.849	3759522.435	716.16
LOCATION	L0008330	VOLUME	496557.199	3759514.264	716.44
LOCATION	L0008331	VOLUME	496554.549	3759506.093	716.63
LOCATION	L0008332	VOLUME	496550.100	3759498.975	716.58
LOCATION	L0008333	VOLUME	496544.274	3759492.663	716.37
LOCATION	L0008334	VOLUME	496538.448	3759486.351	716.17
LOCATION	L0008335	VOLUME	496531.047	3759482.096	715.70
LOCATION	L0008336	VOLUME	496523.431	3759478.123	715.13
LOCATION	L0008337	VOLUME	496515.655	3759481.054	714.44
LOCATION	L0008338	VOLUME	496507.862	3759484.669	713.83
LOCATION	L0008339	VOLUME	496500.070	3759488.283	713.31
LOCATION	L0008340	VOLUME	496492.277	3759491.898	712.79
LOCATION	L0008341	VOLUME	496484.485	3759495.512	712.27
LOCATION	L0008342	VOLUME	496476.692	3759499.127	711.75
LOCATION	L0008343	VOLUME	496468.900	3759502.741	711.23
LOCATION	L0008344	VOLUME	496461.107	3759506.356	710.71
LOCATION	L0008345	VOLUME	496453.314	3759509.970	710.19
LOCATION	L0008346	VOLUME	496445.522	3759513.585	709.77
LOCATION	L0008347	VOLUME	496437.729	3759517.199	709.45
LOCATION	L0008348	VOLUME	496429.937	3759520.814	709.19
LOCATION	L0008349	VOLUME	496422.144	3759524.429	709.00
LOCATION	L0008350	VOLUME	496414.352	3759528.043	708.86
LOCATION	L0008351	VOLUME	496406.559	3759531.658	708.72
LOCATION	L0008352	VOLUME	496398.767	3759535.272	708.58
LOCATION	L0008353	VOLUME	496390.974	3759538.887	708.44
LOCATION	L0008354	VOLUME	496383.182	3759542.501	708.30
LOCATION	L0008355	VOLUME	496375.389	3759546.116	708.16
LOCATION	L0008356	VOLUME	496367.597	3759549.730	708.02
LOCATION	L0008357	VOLUME	496359.804	3759553.345	707.88
LOCATION	L0008358	VOLUME	496352.012	3759556.959	707.72
LOCATION	L0008359	VOLUME	496344.219	3759560.574	707.46
LOCATION	L0008360	VOLUME	496336.427	3759564.188	707.20
LOCATION	L0008361	VOLUME	496328.634	3759567.803	706.88
LOCATION	L0008362	VOLUME	496320.842	3759571.417	706.36
LOCATION	L0008363	VOLUME	496313.049	3759575.032	705.84
LOCATION	L0008364	VOLUME	496305.257	3759578.646	705.32
LOCATION	L0008365	VOLUME	496297.464	3759582.261	704.80
LOCATION	L0008366	VOLUME	496289.672	3759585.875	704.28
LOCATION	L0008367	VOLUME	496281.879	3759589.490	703.87
LOCATION	L0008368	VOLUME	496274.087	3759593.104	703.47
LOCATION	L0008369	VOLUME	496266.294	3759596.719	703.21
LOCATION	L0008370	VOLUME	496258.501	3759600.333	703.07
LOCATION	L0008371	VOLUME	496250.709	3759603.948	702.94
LOCATION	L0008372	VOLUME	496242.916	3759607.562	702.80
LOCATION	L0008373	VOLUME	496235.124	3759611.177	702.80
LOCATION	L0008374	VOLUME	496227.331	3759614.792	702.93
LOCATION	L0008375	VOLUME	496219.539	3759618.406	703.02
LOCATION	L0008376	VOLUME	496211.746	3759622.021	703.01
LOCATION	L0008377	VOLUME	496203.954	3759625.635	702.78
LOCATION	L0008378	VOLUME	496196.161	3759629.250	702.52
LOCATION	L0008379	VOLUME	496188.369	3759632.864	702.26
LOCATION	L0008380	VOLUME	496180.576	3759636.479	702.01
LOCATION	L0008381	VOLUME	496172.784	3759640.093	701.95
LOCATION	L0008382	VOLUME	496164.991	3759643.708	701.96
LOCATION	L0008383	VOLUME	496157.199	3759647.322	702.04
LOCATION	L0008384	VOLUME	496154.426	3759652.901	702.22
LOCATION	L0008385	VOLUME	496157.696	3759660.843	702.49
LOCATION	L0008386	VOLUME	496160.967	3759668.786	702.75
LOCATION	L0008387	VOLUME	496164.237	3759676.729	703.02
LOCATION	L0008388	VOLUME	496167.508	3759684.672	703.28
LOCATION	L0008389	VOLUME	496170.779	3759692.615	703.55

\*\* End of LINE VOLUME Source ID = SLINE10

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\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE11

\*\* DESCRSRC Parking Lot 2 S

\*\* PREFIX

\*\* Length of Side = 8.59

\*\* Configuration = Adjacent

\*\* Emission Rate = 0.00001597

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 6

\*\* 496517.528, 3759471.895, 714.37, 3.49, 4.00

\*\* 496471.221, 3759439.937, 710.85, 3.49, 4.00

\*\* 496391.651, 3759477.113, 706.07, 3.49, 4.00

\*\* 496370.128, 3759426.240, 705.34, 3.49, 4.00

\*\* 496435.350, 3759396.891, 708.54, 3.49, 4.00

\*\* 496462.742, 3759437.980, 709.53, 3.49, 4.00

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LOCATION L0008390	VOLUME	496513.993	3759469.456	714.34
LOCATION L0008391	VOLUME	496506.924	3759464.576	713.85
LOCATION L0008392	VOLUME	496499.854	3759459.697	713.50
LOCATION L0008393	VOLUME	496492.784	3759454.818	712.91
LOCATION L0008394	VOLUME	496485.714	3759449.939	712.10
LOCATION L0008395	VOLUME	496478.644	3759445.060	711.16
LOCATION L0008396	VOLUME	496471.575	3759440.181	710.50
LOCATION L0008397	VOLUME	496463.828	3759443.391	710.00
LOCATION L0008398	VOLUME	496456.045	3759447.027	709.44
LOCATION L0008399	VOLUME	496448.263	3759450.663	708.89
LOCATION L0008400	VOLUME	496440.480	3759454.299	708.47
LOCATION L0008401	VOLUME	496432.698	3759457.935	707.98
LOCATION L0008402	VOLUME	496424.915	3759461.571	707.43
LOCATION L0008403	VOLUME	496417.133	3759465.207	706.92
LOCATION L0008404	VOLUME	496409.350	3759468.844	706.72
LOCATION L0008405	VOLUME	496401.568	3759472.480	706.58
LOCATION L0008406	VOLUME	496393.785	3759476.116	706.44
LOCATION L0008407	VOLUME	496389.222	3759471.371	706.14
LOCATION L0008408	VOLUME	496385.875	3759463.460	705.92
LOCATION L0008409	VOLUME	496382.528	3759455.549	706.00
LOCATION L0008410	VOLUME	496379.181	3759447.638	706.01
LOCATION L0008411	VOLUME	496375.834	3759439.727	705.97
LOCATION L0008412	VOLUME	496372.487	3759431.816	705.80
LOCATION L0008413	VOLUME	496372.441	3759425.199	705.80
LOCATION L0008414	VOLUME	496380.275	3759421.674	706.32
LOCATION L0008415	VOLUME	496388.108	3759418.149	706.84
LOCATION L0008416	VOLUME	496395.941	3759414.624	707.32
LOCATION L0008417	VOLUME	496403.775	3759411.099	707.82
LOCATION L0008418	VOLUME	496411.608	3759407.574	708.38
LOCATION L0008419	VOLUME	496419.442	3759404.049	708.80
LOCATION L0008420	VOLUME	496427.275	3759400.524	708.67
LOCATION L0008421	VOLUME	496435.108	3759396.999	708.54
LOCATION L0008422	VOLUME	496439.968	3759403.818	708.89
LOCATION L0008423	VOLUME	496444.733	3759410.965	708.97
LOCATION L0008424	VOLUME	496449.498	3759418.113	708.99
LOCATION L0008425	VOLUME	496454.262	3759425.260	709.21
LOCATION L0008426	VOLUME	496459.027	3759432.407	709.54

\*\* End of LINE VOLUME Source ID = SLINE11

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\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE12

\*\* DESCRSRC Bldg 1 Onsite

\*\* PREFIX

\*\* Length of Side = 8.59

\*\* Configuration = Adjacent

\*\* Emission Rate = 0.00001966

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25  
\*\* Nodes = 6  
\*\* 495765.389, 3759443.525, 696.05, 3.49, 4.00  
\*\* 495778.694, 3759476.235, 696.99, 3.49, 4.00  
\*\* 495772.596, 3759488.986, 697.79, 3.49, 4.00  
\*\* 495775.368, 3759503.400, 697.87, 3.49, 4.00  
\*\* 495860.190, 3759700.210, 702.82, 3.49, 4.00  
\*\* 495806.414, 3759725.712, 702.75, 3.49, 4.00

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LOCATION	VOLUME	495767.007	3759447.504	696.38
LOCATION L0006793	VOLUME	495767.007	3759447.504	696.38
LOCATION L0006794	VOLUME	495770.244	3759455.461	696.64
LOCATION L0006795	VOLUME	495773.480	3759463.417	696.91
LOCATION L0006796	VOLUME	495776.717	3759471.374	697.17
LOCATION L0006797	VOLUME	495777.252	3759479.250	697.44
LOCATION L0006798	VOLUME	495773.546	3759487.000	697.69
LOCATION L0006799	VOLUME	495773.802	3759495.259	697.97
LOCATION L0006800	VOLUME	495775.487	3759503.676	698.12
LOCATION L0006801	VOLUME	495778.887	3759511.564	698.20
LOCATION L0006802	VOLUME	495782.286	3759519.453	698.21
LOCATION L0006803	VOLUME	495785.686	3759527.341	698.22
LOCATION L0006804	VOLUME	495789.086	3759535.230	698.62
LOCATION L0006805	VOLUME	495792.486	3759543.118	699.19
LOCATION L0006806	VOLUME	495795.886	3759551.007	699.72
LOCATION L0006807	VOLUME	495799.286	3759558.895	699.94
LOCATION L0006808	VOLUME	495802.685	3759566.784	699.79
LOCATION L0006809	VOLUME	495806.085	3759574.673	699.71
LOCATION L0006810	VOLUME	495809.485	3759582.561	699.68
LOCATION L0006811	VOLUME	495812.885	3759590.450	699.89
LOCATION L0006812	VOLUME	495816.285	3759598.338	700.27
LOCATION L0006813	VOLUME	495819.685	3759606.227	700.64
LOCATION L0006814	VOLUME	495823.085	3759614.115	700.94
LOCATION L0006815	VOLUME	495826.484	3759622.004	701.04
LOCATION L0006816	VOLUME	495829.884	3759629.892	701.14
LOCATION L0006817	VOLUME	495833.284	3759637.781	701.31
LOCATION L0006818	VOLUME	495836.684	3759645.669	701.53
LOCATION L0006819	VOLUME	495840.084	3759653.558	701.66
LOCATION L0006820	VOLUME	495843.484	3759661.447	701.77
LOCATION L0006821	VOLUME	495846.884	3759669.335	701.88
LOCATION L0006822	VOLUME	495850.283	3759677.224	702.03
LOCATION L0006823	VOLUME	495853.683	3759685.112	702.37
LOCATION L0006824	VOLUME	495857.083	3759693.001	702.66
LOCATION L0006825	VOLUME	495859.522	3759700.527	702.87
LOCATION L0006826	VOLUME	495851.760	3759704.208	702.94
LOCATION L0006827	VOLUME	495843.999	3759707.888	702.84
LOCATION L0006828	VOLUME	495836.237	3759711.569	702.71
LOCATION L0006829	VOLUME	495828.476	3759715.250	702.57
LOCATION L0006830	VOLUME	495820.714	3759718.930	702.43
LOCATION L0006831	VOLUME	495812.953	3759722.611	702.55

\*\* End of LINE VOLUME Source ID = SLINE12

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\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE13

\*\* DESCRSRC Bldg 2 Onsite

\*\* PREFIX

\*\* Length of Side = 8.59

\*\* Configuration = Adjacent

\*\* Emission Rate = 0.00004981

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 13

\*\* 495764.834, 3759444.634, 696.06, 3.49, 4.00  
\*\* 495781.466, 3759481.778, 697.64, 3.49, 4.00  
\*\* 495794.772, 3759492.312, 697.95, 3.49, 4.00  
\*\* 495805.305, 3759507.281, 697.92, 3.49, 4.00  
\*\* 495816.393, 3759526.684, 699.92, 3.49, 4.00  
\*\* 495900.661, 3759721.831, 704.07, 3.49, 4.00

\*\* 496050.902, 3759653.086, 704.07, 3.49, 4.00  
\*\* 495950.002, 3759422.458, 694.67, 3.49, 4.00  
\*\* 495946.121, 3759415.806, 694.07, 3.49, 4.00  
\*\* 495930.598, 3759406.935, 694.17, 3.49, 4.00  
\*\* 495914.521, 3759396.956, 694.91, 3.49, 4.00  
\*\* 495903.987, 3759382.542, 694.95, 3.49, 4.00  
\*\* 495892.899, 3759363.692, 695.00, 3.49, 4.00

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LOCATION L0006832 VOLUME 495766.589 3759448.554 696.41  
LOCATION L0006833 VOLUME 495770.100 3759456.394 696.67  
LOCATION L0006834 VOLUME 495773.610 3759464.234 696.93  
LOCATION L0006835 VOLUME 495777.121 3759472.074 697.20  
LOCATION L0006836 VOLUME 495780.631 3759479.914 697.46  
LOCATION L0006837 VOLUME 495786.599 3759485.842 697.66  
LOCATION L0006838 VOLUME 495793.334 3759491.174 697.82  
LOCATION L0006839 VOLUME 495798.660 3759497.838 698.03  
LOCATION L0006840 VOLUME 495803.604 3759504.863 698.25  
LOCATION L0006841 VOLUME 495808.100 3759512.172 698.63  
LOCATION L0006842 VOLUME 495812.362 3759519.630 699.14  
LOCATION L0006843 VOLUME 495816.577 3759527.111 699.75  
LOCATION L0006844 VOLUME 495819.983 3759534.997 699.98  
LOCATION L0006845 VOLUME 495823.388 3759542.884 700.00  
LOCATION L0006846 VOLUME 495826.793 3759550.770 700.00  
LOCATION L0006847 VOLUME 495830.199 3759558.656 700.03  
LOCATION L0006848 VOLUME 495833.604 3759566.542 700.15  
LOCATION L0006849 VOLUME 495837.010 3759574.428 700.34  
LOCATION L0006850 VOLUME 495840.415 3759582.314 700.58  
LOCATION L0006851 VOLUME 495843.820 3759590.201 700.81  
LOCATION L0006852 VOLUME 495847.226 3759598.087 700.94  
LOCATION L0006853 VOLUME 495850.631 3759605.973 701.01  
LOCATION L0006854 VOLUME 495854.037 3759613.859 701.15  
LOCATION L0006855 VOLUME 495857.442 3759621.745 701.42  
LOCATION L0006856 VOLUME 495860.847 3759629.631 701.80  
LOCATION L0006857 VOLUME 495864.253 3759637.517 702.17  
LOCATION L0006858 VOLUME 495867.658 3759645.404 702.55  
LOCATION L0006859 VOLUME 495871.063 3759653.290 702.69  
LOCATION L0006860 VOLUME 495874.469 3759661.176 702.80  
LOCATION L0006861 VOLUME 495877.874 3759669.062 702.92  
LOCATION L0006862 VOLUME 495881.280 3759676.948 703.00  
LOCATION L0006863 VOLUME 495884.685 3759684.834 703.04  
LOCATION L0006864 VOLUME 495888.090 3759692.721 703.14  
LOCATION L0006865 VOLUME 495891.496 3759700.607 703.30  
LOCATION L0006866 VOLUME 495894.901 3759708.493 703.52  
LOCATION L0006867 VOLUME 495898.307 3759716.379 703.73  
LOCATION L0006868 VOLUME 495903.072 3759720.728 703.87  
LOCATION L0006869 VOLUME 495910.883 3759717.154 704.01  
LOCATION L0006870 VOLUME 495918.694 3759713.580 704.07  
LOCATION L0006871 VOLUME 495926.505 3759710.006 704.07  
LOCATION L0006872 VOLUME 495934.316 3759706.432 704.01  
LOCATION L0006873 VOLUME 495942.127 3759702.858 703.89  
LOCATION L0006874 VOLUME 495949.939 3759699.284 703.77  
LOCATION L0006875 VOLUME 495957.750 3759695.709 703.65  
LOCATION L0006876 VOLUME 495965.561 3759692.135 703.53  
LOCATION L0006877 VOLUME 495973.372 3759688.561 703.41  
LOCATION L0006878 VOLUME 495981.183 3759684.987 703.29  
LOCATION L0006879 VOLUME 495988.994 3759681.413 703.17  
LOCATION L0006880 VOLUME 495996.805 3759677.839 703.06  
LOCATION L0006881 VOLUME 496004.617 3759674.265 703.14  
LOCATION L0006882 VOLUME 496012.428 3759670.691 703.40  
LOCATION L0006883 VOLUME 496020.239 3759667.117 703.66  
LOCATION L0006884 VOLUME 496028.050 3759663.543 703.92  
LOCATION L0006885 VOLUME 496035.861 3759659.968 704.00  
LOCATION L0006886 VOLUME 496043.672 3759656.394 704.00  
LOCATION L0006887 VOLUME 496050.646 3759652.500 704.00  
LOCATION L0006888 VOLUME 496047.202 3759644.631 704.10  
LOCATION L0006889 VOLUME 496043.759 3759636.761 704.63

LOCATION	VOLUME				
LOCATION L0006890	VOLUME	496040.316	3759628.891	705.15	
LOCATION L0006891	VOLUME	496036.873	3759621.021	705.68	
LOCATION L0006892	VOLUME	496033.430	3759613.152	706.10	
LOCATION L0006893	VOLUME	496029.987	3759605.282	706.36	
LOCATION L0006894	VOLUME	496026.544	3759597.412	706.54	
LOCATION L0006895	VOLUME	496023.101	3759589.542	706.67	
LOCATION L0006896	VOLUME	496019.658	3759581.672	706.34	
LOCATION L0006897	VOLUME	496016.215	3759573.803	705.70	
LOCATION L0006898	VOLUME	496012.772	3759565.933	705.06	
LOCATION L0006899	VOLUME	496009.329	3759558.063	704.42	
LOCATION L0006900	VOLUME	496005.886	3759550.193	703.02	
LOCATION L0006901	VOLUME	496002.443	3759542.323	701.33	
LOCATION L0006902	VOLUME	495999.000	3759534.454	699.87	
LOCATION L0006903	VOLUME	495995.557	3759526.584	699.04	
LOCATION L0006904	VOLUME	495992.114	3759518.714	698.96	
LOCATION L0006905	VOLUME	495988.671	3759510.844	698.73	
LOCATION L0006906	VOLUME	495985.228	3759502.974	698.32	
LOCATION L0006907	VOLUME	495981.785	3759495.105	697.76	
LOCATION L0006908	VOLUME	495978.342	3759487.235	697.25	
LOCATION L0006909	VOLUME	495974.899	3759479.365	696.56	
LOCATION L0006910	VOLUME	495971.456	3759471.495	695.69	
LOCATION L0006911	VOLUME	495968.013	3759463.625	695.00	
LOCATION L0006912	VOLUME	495964.570	3759455.756	695.00	
LOCATION L0006913	VOLUME	495961.127	3759447.886	695.00	
LOCATION L0006914	VOLUME	495957.684	3759440.016	695.00	
LOCATION L0006915	VOLUME	495954.241	3759432.146	694.87	
LOCATION L0006916	VOLUME	495950.798	3759424.277	694.60	
LOCATION L0006917	VOLUME	495946.674	3759416.753	694.35	
LOCATION L0006918	VOLUME	495939.615	3759412.088	694.22	
LOCATION L0006919	VOLUME	495932.157	3759407.826	694.32	
LOCATION L0006920	VOLUME	495924.825	3759403.352	694.52	
LOCATION L0006921	VOLUME	495917.527	3759398.822	694.76	
LOCATION L0006922	VOLUME	495911.540	3759392.877	694.96	
LOCATION L0006923	VOLUME	495906.472	3759385.942	695.00	
LOCATION L0006924	VOLUME	495901.767	3759378.767	695.00	
LOCATION L0006925	VOLUME	495897.412	3759371.363	695.00	
LOCATION L0006926	VOLUME	495893.056	3759363.959	695.00	

\*\* End of LINE VOLUME Source ID = SLINE13

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\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE14

\*\* DESCRSRC Bldg 3 Onsite S 25%

\*\* PREFIX

\*\* Length of Side = 8.59

\*\* Configuration = Adjacent

\*\* Emission Rate = 0.00002212

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 14

** 495890.682, 3759363.692, 695.00, 3.49, 4.00
** 495910.086, 3759390.858, 694.92, 3.49, 4.00
** 495917.293, 3759398.619, 694.87, 3.49, 4.00
** 495930.598, 3759406.935, 694.17, 3.49, 4.00
** 495978.831, 3759434.655, 694.93, 3.49, 4.00
** 495988.255, 3759446.297, 694.93, 3.49, 4.00
** 496000.452, 3759464.592, 695.00, 3.49, 4.00
** 496017.084, 3759504.509, 696.09, 3.49, 4.00
** 496285.411, 3759383.651, 701.39, 3.49, 4.00
** 496293.172, 3759376.998, 702.02, 3.49, 4.00
** 496295.944, 3759368.682, 702.12, 3.49, 4.00
** 496231.080, 3759221.767, 700.56, 3.49, 4.00
** 496223.319, 3759196.265, 695.00, 3.49, 4.00
** 496208.350, 3759172.981, 695.00, 3.49, 4.00

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LOCATION L0006927	VOLUME	495893.178	3759367.187	695.00	
LOCATION L0006928	VOLUME	495898.171	3759374.177	695.00	

LOCATION	L0006929	VOLUME	495903.164	3759381.167	695.00
LOCATION	L0006930	VOLUME	495908.157	3759388.157	695.00
LOCATION	L0006931	VOLUME	495913.673	3759394.721	694.89
LOCATION	L0006932	VOLUME	495920.065	3759400.352	694.68
LOCATION	L0006933	VOLUME	495927.350	3759404.905	694.44
LOCATION	L0006934	VOLUME	495934.725	3759409.307	694.27
LOCATION	L0006935	VOLUME	495942.172	3759413.587	694.25
LOCATION	L0006936	VOLUME	495949.620	3759417.867	694.39
LOCATION	L0006937	VOLUME	495957.068	3759422.147	694.53
LOCATION	L0006938	VOLUME	495964.515	3759426.428	694.67
LOCATION	L0006939	VOLUME	495971.963	3759430.708	694.82
LOCATION	L0006940	VOLUME	495979.251	3759435.175	694.97
LOCATION	L0006941	VOLUME	495984.656	3759441.851	695.00
LOCATION	L0006942	VOLUME	495989.847	3759448.685	695.00
LOCATION	L0006943	VOLUME	495994.612	3759455.833	695.00
LOCATION	L0006944	VOLUME	495999.377	3759462.980	695.00
LOCATION	L0006945	VOLUME	496003.010	3759470.733	695.15
LOCATION	L0006946	VOLUME	496006.314	3759478.662	695.42
LOCATION	L0006947	VOLUME	496009.618	3759486.591	695.68
LOCATION	L0006948	VOLUME	496012.922	3759494.520	695.94
LOCATION	L0006949	VOLUME	496016.226	3759502.450	696.64
LOCATION	L0006950	VOLUME	496022.882	3759501.897	696.67
LOCATION	L0006951	VOLUME	496030.714	3759498.369	696.30
LOCATION	L0006952	VOLUME	496038.546	3759494.842	696.23
LOCATION	L0006953	VOLUME	496046.379	3759491.314	696.37
LOCATION	L0006954	VOLUME	496054.211	3759487.786	696.51
LOCATION	L0006955	VOLUME	496062.043	3759484.258	696.60
LOCATION	L0006956	VOLUME	496069.875	3759480.731	696.48
LOCATION	L0006957	VOLUME	496077.707	3759477.203	696.37
LOCATION	L0006958	VOLUME	496085.540	3759473.675	696.25
LOCATION	L0006959	VOLUME	496093.372	3759470.147	696.13
LOCATION	L0006960	VOLUME	496101.204	3759466.620	696.01
LOCATION	L0006961	VOLUME	496109.036	3759463.092	695.90
LOCATION	L0006962	VOLUME	496116.868	3759459.564	695.78
LOCATION	L0006963	VOLUME	496124.701	3759456.037	695.80
LOCATION	L0006964	VOLUME	496132.533	3759452.509	695.95
LOCATION	L0006965	VOLUME	496140.365	3759448.981	696.09
LOCATION	L0006966	VOLUME	496148.197	3759445.453	696.23
LOCATION	L0006967	VOLUME	496156.029	3759441.926	696.38
LOCATION	L0006968	VOLUME	496163.862	3759438.398	696.52
LOCATION	L0006969	VOLUME	496171.694	3759434.870	696.71
LOCATION	L0006970	VOLUME	496179.526	3759431.343	696.97
LOCATION	L0006971	VOLUME	496187.358	3759427.815	697.40
LOCATION	L0006972	VOLUME	496195.190	3759424.287	697.79
LOCATION	L0006973	VOLUME	496203.023	3759420.759	698.12
LOCATION	L0006974	VOLUME	496210.855	3759417.232	698.38
LOCATION	L0006975	VOLUME	496218.687	3759413.704	698.53
LOCATION	L0006976	VOLUME	496226.519	3759410.176	698.67
LOCATION	L0006977	VOLUME	496234.351	3759406.648	698.81
LOCATION	L0006978	VOLUME	496242.184	3759403.121	699.12
LOCATION	L0006979	VOLUME	496250.016	3759399.593	699.64
LOCATION	L0006980	VOLUME	496257.848	3759396.065	700.16
LOCATION	L0006981	VOLUME	496265.680	3759392.538	700.68
LOCATION	L0006982	VOLUME	496273.512	3759389.010	701.10
LOCATION	L0006983	VOLUME	496281.345	3759385.482	701.36
LOCATION	L0006984	VOLUME	496288.547	3759380.963	701.60
LOCATION	L0006985	VOLUME	496293.962	3759374.628	701.84
LOCATION	L0006986	VOLUME	496295.006	3759366.558	702.14
LOCATION	L0006987	VOLUME	496291.537	3759358.700	702.29
LOCATION	L0006988	VOLUME	496288.067	3759350.841	702.43
LOCATION	L0006989	VOLUME	496284.598	3759342.983	702.62
LOCATION	L0006990	VOLUME	496281.128	3759335.125	702.75
LOCATION	L0006991	VOLUME	496277.659	3759327.267	702.70
LOCATION	L0006992	VOLUME	496274.190	3759319.409	702.46
LOCATION	L0006993	VOLUME	496270.720	3759311.550	702.04
LOCATION	L0006994	VOLUME	496267.251	3759303.692	701.74



LOCATION	L0006995	VOLUME	496263.781	3759295.834	701.41
LOCATION	L0006996	VOLUME	496260.312	3759287.976	701.01
LOCATION	L0006997	VOLUME	496256.842	3759280.118	701.06
LOCATION	L0006998	VOLUME	496253.373	3759272.260	701.16
LOCATION	L0006999	VOLUME	496249.903	3759264.401	701.13
LOCATION	L0007000	VOLUME	496246.434	3759256.543	700.98
LOCATION	L0007001	VOLUME	496242.964	3759248.685	700.92
LOCATION	L0007002	VOLUME	496239.495	3759240.827	700.93
LOCATION	L0007003	VOLUME	496236.025	3759232.969	700.86
LOCATION	L0007004	VOLUME	496232.556	3759225.111	700.23
LOCATION	L0007005	VOLUME	496229.643	3759217.046	698.37
LOCATION	L0007006	VOLUME	496227.142	3759208.828	696.83
LOCATION	L0007007	VOLUME	496224.641	3759200.610	695.57
LOCATION	L0007008	VOLUME	496221.129	3759192.860	695.00
LOCATION	L0007009	VOLUME	496216.484	3759185.634	695.00
LOCATION	L0007010	VOLUME	496211.839	3759178.408	695.00

\*\* End of LINE VOLUME Source ID = SLINE14

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\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE15

\*\* DESCRSRC Bldg 3 Onsite N 50%

\*\* PREFIX

\*\* Length of Side = 8.59

\*\* Configuration = Adjacent

\*\* Emission Rate = 0.0000194

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 8

\*\* 495891.791, 3759363.692, 695.00, 3.49, 4.00

\*\* 495912.303, 3759393.075, 694.91, 3.49, 4.00

\*\* 495922.837, 3759401.946, 694.71, 3.49, 4.00

\*\* 495973.841, 3759431.329, 694.95, 3.49, 4.00

\*\* 495988.255, 3759446.852, 694.93, 3.49, 4.00

\*\* 496004.333, 3759472.354, 695.00, 3.49, 4.00

\*\* 496078.067, 3759640.890, 703.66, 3.49, 4.00

\*\* 496343.622, 3759521.695, 706.28, 3.49, 4.00

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LOCATION	L0007011	VOLUME	495894.249	3759367.214	695.00
LOCATION	L0007012	VOLUME	495899.166	3759374.258	695.00
LOCATION	L0007013	VOLUME	495904.083	3759381.301	695.00
LOCATION	L0007014	VOLUME	495909.001	3759388.344	695.00
LOCATION	L0007015	VOLUME	495914.461	3759394.892	694.87
LOCATION	L0007016	VOLUME	495921.031	3759400.425	694.65
LOCATION	L0007017	VOLUME	495928.235	3759405.055	694.41
LOCATION	L0007018	VOLUME	495935.678	3759409.343	694.25
LOCATION	L0007019	VOLUME	495943.121	3759413.631	694.25
LOCATION	L0007020	VOLUME	495950.564	3759417.919	694.39
LOCATION	L0007021	VOLUME	495958.007	3759422.207	694.53
LOCATION	L0007022	VOLUME	495965.451	3759426.495	694.68
LOCATION	L0007023	VOLUME	495972.894	3759430.783	694.82
LOCATION	L0007024	VOLUME	495978.942	3759436.822	695.00
LOCATION	L0007025	VOLUME	495984.787	3759443.117	695.00
LOCATION	L0007026	VOLUME	495990.118	3759449.807	695.00
LOCATION	L0007027	VOLUME	495994.699	3759457.073	695.00
LOCATION	L0007028	VOLUME	495999.281	3759464.340	695.00
LOCATION	L0007029	VOLUME	496003.862	3759471.606	695.18
LOCATION	L0007030	VOLUME	496007.422	3759479.414	695.44
LOCATION	L0007031	VOLUME	496010.865	3759487.284	695.70
LOCATION	L0007032	VOLUME	496014.308	3759495.154	695.97
LOCATION	L0007033	VOLUME	496017.751	3759503.024	696.72
LOCATION	L0007034	VOLUME	496021.194	3759510.893	697.66
LOCATION	L0007035	VOLUME	496024.637	3759518.763	698.72
LOCATION	L0007036	VOLUME	496028.080	3759526.633	699.92
LOCATION	L0007037	VOLUME	496031.523	3759534.503	701.41
LOCATION	L0007038	VOLUME	496034.966	3759542.373	702.77
LOCATION	L0007039	VOLUME	496038.409	3759550.242	704.06

LOCATION	VOLUME				
LOCATION L0007040	VOLUME	496041.852	3759558.112	705.13	
LOCATION L0007041	VOLUME	496045.295	3759565.982	705.65	
LOCATION L0007042	VOLUME	496048.738	3759573.852	706.18	
LOCATION L0007043	VOLUME	496052.181	3759581.721	706.70	
LOCATION L0007044	VOLUME	496055.624	3759589.591	706.89	
LOCATION L0007045	VOLUME	496059.067	3759597.461	706.62	
LOCATION L0007046	VOLUME	496062.510	3759605.331	706.08	
LOCATION L0007047	VOLUME	496065.953	3759613.201	705.36	
LOCATION L0007048	VOLUME	496069.396	3759621.070	704.62	
LOCATION L0007049	VOLUME	496072.839	3759628.940	704.02	
LOCATION L0007050	VOLUME	496076.282	3759636.810	703.60	
LOCATION L0007051	VOLUME	496081.841	3759639.196	703.25	
LOCATION L0007052	VOLUME	496089.678	3759635.678	702.70	
LOCATION L0007053	VOLUME	496097.515	3759632.161	702.30	
LOCATION L0007054	VOLUME	496105.352	3759628.643	701.92	
LOCATION L0007055	VOLUME	496113.188	3759625.125	701.54	
LOCATION L0007056	VOLUME	496121.025	3759621.608	701.18	
LOCATION L0007057	VOLUME	496128.862	3759618.090	701.06	
LOCATION L0007058	VOLUME	496136.699	3759614.573	700.95	
LOCATION L0007059	VOLUME	496144.536	3759611.055	700.83	
LOCATION L0007060	VOLUME	496152.372	3759607.538	700.78	
LOCATION L0007061	VOLUME	496160.209	3759604.020	700.92	
LOCATION L0007062	VOLUME	496168.046	3759600.503	701.06	
LOCATION L0007063	VOLUME	496175.883	3759596.985	701.21	
LOCATION L0007064	VOLUME	496183.719	3759593.467	701.27	
LOCATION L0007065	VOLUME	496191.556	3759589.950	701.17	
LOCATION L0007066	VOLUME	496199.393	3759586.432	701.01	
LOCATION L0007067	VOLUME	496207.230	3759582.915	700.99	
LOCATION L0007068	VOLUME	496215.066	3759579.397	701.15	
LOCATION L0007069	VOLUME	496222.903	3759575.880	701.42	
LOCATION L0007070	VOLUME	496230.740	3759572.362	701.68	
LOCATION L0007071	VOLUME	496238.577	3759568.845	701.94	
LOCATION L0007072	VOLUME	496246.414	3759565.327	702.20	
LOCATION L0007073	VOLUME	496254.250	3759561.810	702.46	
LOCATION L0007074	VOLUME	496262.087	3759558.292	702.72	
LOCATION L0007075	VOLUME	496269.924	3759554.774	702.98	
LOCATION L0007076	VOLUME	496277.761	3759551.257	703.49	
LOCATION L0007077	VOLUME	496285.597	3759547.739	704.01	
LOCATION L0007078	VOLUME	496293.434	3759544.222	704.53	
LOCATION L0007079	VOLUME	496301.271	3759540.704	705.04	
LOCATION L0007080	VOLUME	496309.108	3759537.187	705.40	
LOCATION L0007081	VOLUME	496316.944	3759533.669	705.69	
LOCATION L0007082	VOLUME	496324.781	3759530.152	705.92	
LOCATION L0007083	VOLUME	496332.618	3759526.634	706.09	
LOCATION L0007084	VOLUME	496340.455	3759523.117	706.33	

\*\* End of LINE VOLUME Source ID = SLINE15

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\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE16

\*\* DESCRSRC Bldg 4 Onsite

\*\* PREFIX

\*\* Length of Side = 8.59

\*\* Configuration = Adjacent

\*\* Emission Rate = 0.00003907

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 11

\*\* 495891.236, 3759363.138, 695.00, 3.49, 4.00

\*\* 495915.075, 3759396.956, 694.90, 3.49, 4.00

\*\* 495933.925, 3759409.153, 694.08, 3.49, 4.00

\*\* 495970.515, 3759428.557, 694.90, 3.49, 4.00

\*\* 495986.592, 3759443.525, 694.93, 3.49, 4.00

\*\* 495999.898, 3759465.701, 695.00, 3.49, 4.00

\*\* 496265.452, 3759345.397, 701.91, 3.49, 4.00

\*\* 496283.193, 3759336.527, 702.12, 3.49, 4.00

\*\* 496224.982, 3759205.136, 695.00, 3.49, 4.00

\*\* 496222.764, 3759194.602, 695.00, 3.49, 4.00

\*\* 496207.795, 3759172.426, 695.00, 3.49, 4.00

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LOCATION	L0007085	VOLUME	495893.711	3759366.649	695.00
LOCATION	L0007086	VOLUME	495898.660	3759373.669	695.00
LOCATION	L0007087	VOLUME	495903.609	3759380.690	695.00
LOCATION	L0007088	VOLUME	495908.558	3759387.711	695.00
LOCATION	L0007089	VOLUME	495913.508	3759394.732	694.90
LOCATION	L0007090	VOLUME	495920.003	3759400.145	694.68
LOCATION	L0007091	VOLUME	495927.215	3759404.811	694.44
LOCATION	L0007092	VOLUME	495934.453	3759409.433	694.29
LOCATION	L0007093	VOLUME	495942.042	3759413.457	694.24
LOCATION	L0007094	VOLUME	495949.631	3759417.482	694.38
LOCATION	L0007095	VOLUME	495957.220	3759421.506	694.51
LOCATION	L0007096	VOLUME	495964.809	3759425.531	694.64
LOCATION	L0007097	VOLUME	495972.075	3759430.009	694.79
LOCATION	L0007098	VOLUME	495978.361	3759435.862	694.99
LOCATION	L0007099	VOLUME	495984.648	3759441.716	695.00
LOCATION	L0007100	VOLUME	495989.645	3759448.614	695.00
LOCATION	L0007101	VOLUME	495994.065	3759455.980	695.00
LOCATION	L0007102	VOLUME	495998.484	3759463.346	695.00
LOCATION	L0007103	VOLUME	496005.220	3759463.290	694.98
LOCATION	L0007104	VOLUME	496013.045	3759459.745	694.91
LOCATION	L0007105	VOLUME	496020.869	3759456.200	694.77
LOCATION	L0007106	VOLUME	496028.694	3759452.656	694.58
LOCATION	L0007107	VOLUME	496036.518	3759449.111	694.52
LOCATION	L0007108	VOLUME	496044.343	3759445.566	694.46
LOCATION	L0007109	VOLUME	496052.167	3759442.021	694.34
LOCATION	L0007110	VOLUME	496059.992	3759438.477	694.15
LOCATION	L0007111	VOLUME	496067.816	3759434.932	694.24
LOCATION	L0007112	VOLUME	496075.641	3759431.387	694.43
LOCATION	L0007113	VOLUME	496083.465	3759427.843	694.55
LOCATION	L0007114	VOLUME	496091.290	3759424.298	694.62
LOCATION	L0007115	VOLUME	496099.114	3759420.753	694.63
LOCATION	L0007116	VOLUME	496106.939	3759417.208	694.72
LOCATION	L0007117	VOLUME	496114.763	3759413.664	694.86
LOCATION	L0007118	VOLUME	496122.588	3759410.119	695.07
LOCATION	L0007119	VOLUME	496130.412	3759406.574	695.33
LOCATION	L0007120	VOLUME	496138.237	3759403.030	695.49
LOCATION	L0007121	VOLUME	496146.061	3759399.485	695.63
LOCATION	L0007122	VOLUME	496153.886	3759395.940	695.77
LOCATION	L0007123	VOLUME	496161.710	3759392.395	695.92
LOCATION	L0007124	VOLUME	496169.535	3759388.851	696.06
LOCATION	L0007125	VOLUME	496177.359	3759385.306	696.20
LOCATION	L0007126	VOLUME	496185.184	3759381.761	696.47
LOCATION	L0007127	VOLUME	496193.008	3759378.217	696.88
LOCATION	L0007128	VOLUME	496200.833	3759374.672	697.33
LOCATION	L0007129	VOLUME	496208.657	3759371.127	697.72
LOCATION	L0007130	VOLUME	496216.482	3759367.582	697.97
LOCATION	L0007131	VOLUME	496224.307	3759364.038	698.24
LOCATION	L0007132	VOLUME	496232.131	3759360.493	698.58
LOCATION	L0007133	VOLUME	496239.956	3759356.948	698.97
LOCATION	L0007134	VOLUME	496247.780	3759353.404	699.68
LOCATION	L0007135	VOLUME	496255.605	3759349.859	700.46
LOCATION	L0007136	VOLUME	496263.429	3759346.314	701.30
LOCATION	L0007137	VOLUME	496271.149	3759342.549	702.03
LOCATION	L0007138	VOLUME	496278.832	3759338.708	702.49
LOCATION	L0007139	VOLUME	496281.689	3759333.131	702.86
LOCATION	L0007140	VOLUME	496278.209	3759325.278	702.80
LOCATION	L0007141	VOLUME	496274.730	3759317.424	702.55
LOCATION	L0007142	VOLUME	496271.250	3759309.570	702.10
LOCATION	L0007143	VOLUME	496267.771	3759301.716	701.78
LOCATION	L0007144	VOLUME	496264.291	3759293.863	701.44
LOCATION	L0007145	VOLUME	496260.812	3759286.009	701.05
LOCATION	L0007146	VOLUME	496257.332	3759278.155	701.26
LOCATION	L0007147	VOLUME	496253.853	3759270.302	701.34

LOCATION L0007148	VOLUME	496250.373	3759262.448	701.31
LOCATION L0007149	VOLUME	496246.894	3759254.594	701.18
LOCATION L0007150	VOLUME	496243.414	3759246.740	701.13
LOCATION L0007151	VOLUME	496239.935	3759238.887	701.10
LOCATION L0007152	VOLUME	496236.455	3759231.033	701.01
LOCATION L0007153	VOLUME	496232.976	3759223.179	699.96
LOCATION L0007154	VOLUME	496229.496	3759215.325	698.07
LOCATION L0007155	VOLUME	496226.017	3759207.472	696.55
LOCATION L0007156	VOLUME	496223.738	3759199.230	695.37
LOCATION L0007157	VOLUME	496220.604	3759191.402	695.00
LOCATION L0007158	VOLUME	496215.798	3759184.282	695.00
LOCATION L0007159	VOLUME	496210.992	3759177.163	695.00

\*\* End of LINE VOLUME Source ID = SLINE16

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\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE17

\*\* DESCRSRC TTP Calimesa 30%

\*\* PREFIX

\*\* Length of Side = 14.00

\*\* Configuration = Adjacent

\*\* Emission Rate = 0.00001915

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 19

\*\* 495885.521, 3759348.965, 695.00, 3.49, 6.51

\*\* 495995.985, 3759290.547, 694.03, 3.49, 6.51

\*\* 496107.512, 3759226.817, 695.00, 3.49, 6.51

\*\* 496153.185, 3759197.077, 695.00, 3.49, 6.51

\*\* 496216.914, 3759145.031, 695.00, 3.49, 6.51

\*\* 496362.430, 3759013.323, 695.04, 3.49, 6.51

\*\* 496484.842, 3758902.040, 702.15, 3.49, 6.51

\*\* 496563.280, 3758837.785, 705.09, 3.49, 6.51

\*\* 496612.485, 3758805.946, 705.13, 3.49, 6.51

\*\* 496660.532, 3758782.212, 705.09, 3.49, 6.51

\*\* 496695.943, 3758771.392, 705.13, 3.49, 6.51

\*\* 496743.616, 3758756.569, 706.06, 3.49, 6.51

\*\* 496784.478, 3758747.355, 706.03, 3.49, 6.51

\*\* 496810.518, 3758740.945, 706.98, 3.49, 6.51

\*\* 496827.745, 3758734.535, 706.95, 3.49, 6.51

\*\* 496847.775, 3758720.914, 708.02, 3.49, 6.51

\*\* 496864.601, 3758703.688, 708.94, 3.49, 6.51

\*\* 496877.421, 3758685.660, 709.06, 3.49, 6.51

\*\* 496881.427, 3758667.232, 710.52, 3.49, 6.51

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LOCATION L0004110 VOLUME 495891.709 3759345.693 695.00  
LOCATION L0004111 VOLUME 495904.085 3759339.148 695.00  
LOCATION L0004112 VOLUME 495916.461 3759332.603 694.89  
LOCATION L0004113 VOLUME 495928.837 3759326.058 694.80  
LOCATION L0004114 VOLUME 495941.213 3759319.513 694.87  
LOCATION L0004115 VOLUME 495953.588 3759312.968 694.50  
LOCATION L0004116 VOLUME 495965.964 3759306.423 694.10  
LOCATION L0004117 VOLUME 495978.340 3759299.878 694.00  
LOCATION L0004118 VOLUME 495990.716 3759293.333 694.00  
LOCATION L0004119 VOLUME 496002.966 3759286.558 694.00  
LOCATION L0004120 VOLUME 496015.121 3759279.612 694.22  
LOCATION L0004121 VOLUME 496027.276 3759272.666 694.45  
LOCATION L0004122 VOLUME 496039.432 3759265.720 694.68  
LOCATION L0004123 VOLUME 496051.587 3759258.774 694.91  
LOCATION L0004124 VOLUME 496063.743 3759251.828 695.00  
LOCATION L0004125 VOLUME 496075.898 3759244.882 695.00  
LOCATION L0004126 VOLUME 496088.053 3759237.936 695.00  
LOCATION L0004127 VOLUME 496100.209 3759230.990 695.00  
LOCATION L0004128 VOLUME 496112.195 3759223.768 695.00  
LOCATION L0004129 VOLUME 496123.927 3759216.128 695.00  
LOCATION L0004130 VOLUME 496135.659 3759208.489 695.00  
LOCATION L0004131 VOLUME 496147.391 3759200.849 695.00

LOCATION L0004132	VOLUME	496158.673	3759192.594	695.00
LOCATION L0004133	VOLUME	496169.517	3759183.739	695.00
LOCATION L0004134	VOLUME	496180.360	3759174.884	695.00
LOCATION L0004135	VOLUME	496191.204	3759166.028	695.00
LOCATION L0004136	VOLUME	496202.047	3759157.173	695.00
LOCATION L0004137	VOLUME	496212.891	3759148.317	695.00
LOCATION L0004138	VOLUME	496223.442	3759139.122	695.00
LOCATION L0004139	VOLUME	496233.822	3759129.728	695.00
LOCATION L0004140	VOLUME	496244.202	3759120.333	695.00
LOCATION L0004141	VOLUME	496254.581	3759110.938	695.00
LOCATION L0004142	VOLUME	496264.961	3759101.543	695.00
LOCATION L0004143	VOLUME	496275.341	3759092.149	695.00
LOCATION L0004144	VOLUME	496285.721	3759082.754	695.00
LOCATION L0004145	VOLUME	496296.100	3759073.359	695.01
LOCATION L0004146	VOLUME	496306.480	3759063.964	695.00
LOCATION L0004147	VOLUME	496316.860	3759054.569	695.00
LOCATION L0004148	VOLUME	496327.239	3759045.175	695.04
LOCATION L0004149	VOLUME	496337.619	3759035.780	695.26
LOCATION L0004150	VOLUME	496347.999	3759026.385	695.27
LOCATION L0004151	VOLUME	496358.379	3759016.990	695.07
LOCATION L0004152	VOLUME	496368.746	3759007.582	695.49
LOCATION L0004153	VOLUME	496379.105	3758998.164	695.83
LOCATION L0004154	VOLUME	496389.464	3758988.747	695.94
LOCATION L0004155	VOLUME	496399.823	3758979.330	696.68
LOCATION L0004156	VOLUME	496410.182	3758969.912	697.63
LOCATION L0004157	VOLUME	496420.542	3758960.495	698.57
LOCATION L0004158	VOLUME	496430.901	3758951.078	698.88
LOCATION L0004159	VOLUME	496441.260	3758941.660	699.13
LOCATION L0004160	VOLUME	496451.619	3758932.243	699.63
LOCATION L0004161	VOLUME	496461.978	3758922.825	700.63
LOCATION L0004162	VOLUME	496472.338	3758913.408	701.39
LOCATION L0004163	VOLUME	496482.697	3758903.991	701.74
LOCATION L0004164	VOLUME	496493.429	3758895.006	702.10
LOCATION L0004165	VOLUME	496504.259	3758886.134	702.74
LOCATION L0004166	VOLUME	496515.089	3758877.262	703.32
LOCATION L0004167	VOLUME	496525.920	3758868.390	703.89
LOCATION L0004168	VOLUME	496536.750	3758859.518	704.47
LOCATION L0004169	VOLUME	496547.580	3758850.646	704.80
LOCATION L0004170	VOLUME	496558.410	3758841.775	705.03
LOCATION L0004171	VOLUME	496569.748	3758833.600	705.11
LOCATION L0004172	VOLUME	496581.502	3758825.994	704.97
LOCATION L0004173	VOLUME	496593.256	3758818.389	704.83
LOCATION L0004174	VOLUME	496605.010	3758810.783	704.87
LOCATION L0004175	VOLUME	496617.055	3758803.689	705.08
LOCATION L0004176	VOLUME	496629.607	3758797.489	705.29
LOCATION L0004177	VOLUME	496642.159	3758791.288	705.30
LOCATION L0004178	VOLUME	496654.711	3758785.088	705.13
LOCATION L0004179	VOLUME	496667.712	3758780.018	705.00
LOCATION L0004180	VOLUME	496681.101	3758775.927	705.01
LOCATION L0004181	VOLUME	496694.489	3758771.836	705.26
LOCATION L0004182	VOLUME	496707.860	3758767.686	705.70
LOCATION L0004183	VOLUME	496721.229	3758763.530	706.00
LOCATION L0004184	VOLUME	496734.598	3758759.373	706.00
LOCATION L0004185	VOLUME	496748.060	3758755.567	706.00
LOCATION L0004186	VOLUME	496761.717	3758752.487	706.08
LOCATION L0004187	VOLUME	496775.374	3758749.408	706.09
LOCATION L0004188	VOLUME	496789.011	3758746.239	706.29
LOCATION L0004189	VOLUME	496802.605	3758742.893	706.74
LOCATION L0004190	VOLUME	496816.001	3758738.905	707.04
LOCATION L0004191	VOLUME	496828.960	3758733.709	707.26
LOCATION L0004192	VOLUME	496840.537	3758725.836	707.68
LOCATION L0004193	VOLUME	496851.442	3758717.161	708.34
LOCATION L0004194	VOLUME	496861.224	3758707.145	708.60
LOCATION L0004195	VOLUME	496869.913	3758696.217	708.97
LOCATION L0004196	VOLUME	496877.643	3758684.638	709.29
LOCATION L0004197	VOLUME	496880.617	3758670.958	709.85

\*\* End of LINE VOLUME Source ID = SLINE17

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\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE18

\*\* DESCRSRC TTP CV 2% E

\*\* PREFIX

\*\* Length of Side = 8.59

\*\* Configuration = Adjacent

\*\* Emission Rate = 3.337E-07

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 3

\*\* 496881.654, 3758659.847, 710.46, 3.49, 4.00

\*\* 497125.077, 3758668.212, 717.92, 3.49, 4.00

\*\* 497202.808, 3758669.988, 721.76, 3.49, 4.00

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LOCATION L0004198	VOLUME	496885.946	3758659.994	710.39
LOCATION L0004199	VOLUME	496894.531	3758660.289	710.66
LOCATION L0004200	VOLUME	496903.116	3758660.584	710.94
LOCATION L0004201	VOLUME	496911.701	3758660.879	711.22
LOCATION L0004202	VOLUME	496920.286	3758661.174	711.49
LOCATION L0004203	VOLUME	496928.871	3758661.469	711.77
LOCATION L0004204	VOLUME	496937.456	3758661.764	712.05
LOCATION L0004205	VOLUME	496946.041	3758662.059	712.32
LOCATION L0004206	VOLUME	496954.626	3758662.354	712.60
LOCATION L0004207	VOLUME	496963.211	3758662.649	712.90
LOCATION L0004208	VOLUME	496971.795	3758662.944	713.24
LOCATION L0004209	VOLUME	496980.380	3758663.239	713.58
LOCATION L0004210	VOLUME	496988.965	3758663.534	713.94
LOCATION L0004211	VOLUME	496997.550	3758663.829	714.24
LOCATION L0004212	VOLUME	497006.135	3758664.124	714.52
LOCATION L0004213	VOLUME	497014.720	3758664.419	714.81
LOCATION L0004214	VOLUME	497023.305	3758664.714	715.09
LOCATION L0004215	VOLUME	497031.890	3758665.009	715.38
LOCATION L0004216	VOLUME	497040.475	3758665.305	715.67
LOCATION L0004217	VOLUME	497049.060	3758665.600	715.95
LOCATION L0004218	VOLUME	497057.645	3758665.895	716.56
LOCATION L0004219	VOLUME	497066.230	3758666.190	717.23
LOCATION L0004220	VOLUME	497074.815	3758666.485	717.90
LOCATION L0004221	VOLUME	497083.400	3758666.780	718.35
LOCATION L0004222	VOLUME	497091.985	3758667.075	718.36
LOCATION L0004223	VOLUME	497100.569	3758667.370	718.37
LOCATION L0004224	VOLUME	497109.154	3758667.665	718.38
LOCATION L0004225	VOLUME	497117.739	3758667.960	718.39
LOCATION L0004226	VOLUME	497126.325	3758668.240	718.40
LOCATION L0004227	VOLUME	497134.912	3758668.437	718.41
LOCATION L0004228	VOLUME	497143.500	3758668.633	718.52
LOCATION L0004229	VOLUME	497152.088	3758668.829	718.81
LOCATION L0004230	VOLUME	497160.676	3758669.025	719.10
LOCATION L0004231	VOLUME	497169.263	3758669.221	719.39
LOCATION L0004232	VOLUME	497177.851	3758669.418	719.93
LOCATION L0004233	VOLUME	497186.439	3758669.614	720.51
LOCATION L0004234	VOLUME	497195.027	3758669.810	721.09

\*\* End of LINE VOLUME Source ID = SLINE18

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\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE19

\*\* DESCRSRC TTP CV 28%

\*\* PREFIX

\*\* Length of Side = 8.59

\*\* Configuration = Adjacent

\*\* Emission Rate = 3.852E-06

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 9

\*\* 496878.298, 3758659.171, 710.27, 3.49, 4.00

\*\* 496818.605, 3758656.366, 715.48, 3.49, 4.00  
\*\* 496784.551, 3758653.963, 716.08, 3.49, 4.00  
\*\* 496740.482, 3758646.351, 716.60, 3.49, 4.00  
\*\* 496720.050, 3758639.540, 718.62, 3.49, 4.00  
\*\* 496696.413, 3758631.928, 716.34, 3.49, 4.00  
\*\* 496675.580, 3758621.512, 716.80, 3.49, 4.00  
\*\* 496647.536, 3758603.884, 718.95, 3.49, 4.00  
\*\* 496627.905, 3758591.064, 718.96, 3.49, 4.00

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LOCATION L0004235 VOLUME 496874.008 3758658.969 710.02  
LOCATION L0004236 VOLUME 496865.428 3758658.566 709.89  
LOCATION L0004237 VOLUME 496856.847 3758658.163 709.87  
LOCATION L0004238 VOLUME 496848.266 3758657.760 709.87  
LOCATION L0004239 VOLUME 496839.686 3758657.357 710.03  
LOCATION L0004240 VOLUME 496831.105 3758656.954 711.75  
LOCATION L0004241 VOLUME 496822.525 3758656.550 713.51  
LOCATION L0004242 VOLUME 496813.951 3758656.038 715.32  
LOCATION L0004243 VOLUME 496805.382 3758655.433 716.07  
LOCATION L0004244 VOLUME 496796.813 3758654.828 716.13  
LOCATION L0004245 VOLUME 496788.245 3758654.223 716.19  
LOCATION L0004246 VOLUME 496779.735 3758653.131 716.31  
LOCATION L0004247 VOLUME 496771.271 3758651.669 716.50  
LOCATION L0004248 VOLUME 496762.806 3758650.207 716.71  
LOCATION L0004249 VOLUME 496754.341 3758648.744 716.96  
LOCATION L0004250 VOLUME 496745.877 3758647.282 717.03  
LOCATION L0004251 VOLUME 496737.526 3758645.365 717.01  
LOCATION L0004252 VOLUME 496729.377 3758642.649 717.10  
LOCATION L0004253 VOLUME 496721.228 3758639.933 717.19  
LOCATION L0004254 VOLUME 496713.055 3758637.287 716.87  
LOCATION L0004255 VOLUME 496704.879 3758634.654 716.46  
LOCATION L0004256 VOLUME 496696.702 3758632.021 716.00  
LOCATION L0004257 VOLUME 496689.002 3758628.223 715.84  
LOCATION L0004258 VOLUME 496681.319 3758624.381 716.34  
LOCATION L0004259 VOLUME 496673.740 3758620.355 716.77  
LOCATION L0004260 VOLUME 496666.467 3758615.783 717.35  
LOCATION L0004261 VOLUME 496659.194 3758611.212 718.00  
LOCATION L0004262 VOLUME 496651.922 3758606.641 718.30  
LOCATION L0004263 VOLUME 496644.681 3758602.019 718.61  
LOCATION L0004264 VOLUME 496637.489 3758597.323 718.92  
LOCATION L0004265 VOLUME 496630.297 3758592.626 719.00

\*\* End of LINE VOLUME Source ID = SLINE19

\*\* -----  
\*\* Line Source Represented by Adjacent Volume Sources  
\*\* LINE VOLUME Source ID = SLINE20  
\*\* DESCRSRC TTP CV W 2%  
\*\* PREFIX  
\*\* Length of Side = 14.00  
\*\* Configuration = Adjacent  
\*\* Emission Rate = 4.25E-07  
\*\* Vertical Dimension = 6.99  
\*\* SZINIT = 3.25  
\*\* Nodes = 8  
\*\* 496625.101, 3758589.061, 718.91, 3.49, 6.51  
\*\* 496581.031, 3758549.799, 719.58, 3.49, 6.51  
\*\* 496549.382, 3758515.745, 718.93, 3.49, 6.51  
\*\* 496515.729, 3758467.269, 718.15, 3.49, 6.51  
\*\* 496480.473, 3758410.380, 719.00, 3.49, 6.51  
\*\* 496466.852, 3758373.121, 719.91, 3.49, 6.51  
\*\* 496456.436, 3758322.642, 719.00, 3.49, 6.51  
\*\* 496448.423, 3758236.507, 718.00, 3.49, 6.51

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LOCATION L0004266 VOLUME 496619.874 3758584.404 718.92  
LOCATION L0004267 VOLUME 496609.421 3758575.091 719.28  
LOCATION L0004268 VOLUME 496598.968 3758565.778 720.01  
LOCATION L0004269 VOLUME 496588.514 3758556.465 720.07  
LOCATION L0004270 VOLUME 496578.323 3758546.885 719.69

LOCATION	VOLUME				
L0004271	496568.792	3758536.630	719.02		
L0004272	496559.261	3758526.375	719.00		
L0004273	496549.730	3758516.120	719.00		
L0004274	496541.690	3758504.666	718.95		
L0004275	496533.706	3758493.165	718.57		
L0004276	496525.722	3758481.665	718.18		
L0004277	496517.739	3758470.164	718.20		
L0004278	496510.211	3758458.365	718.59		
L0004279	496502.836	3758446.465	718.99		
L0004280	496495.461	3758434.565	719.00		
L0004281	496488.086	3758422.664	719.00		
L0004282	496480.712	3758410.764	719.00		
L0004283	496475.822	3758397.656	719.10		
L0004284	496471.015	3758384.507	719.52		
L0004285	496466.473	3758371.283	721.02		
L0004286	496463.643	3758357.572	722.19		
L0004287	496460.814	3758343.860	720.79		
L0004288	496457.985	3758330.149	719.36		
L0004289	496455.849	3758316.335	719.00		
L0004290	496454.552	3758302.395	719.00		
L0004291	496453.255	3758288.455	719.00		
L0004292	496451.959	3758274.515	719.00		
L0004293	496450.662	3758260.575	718.81		
L0004294	496449.365	3758246.636	718.35		

\*\* End of LINE VOLUME Source ID = SLINE20

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\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE25

\*\* DESCRSRC TTP Calimesa 70%

\*\* PREFIX

\*\* Length of Side = 14.00

\*\* Configuration = Adjacent

\*\* Emission Rate = 0.000024

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 14

\*\* 495882.693, 3759350.477, 695.00, 3.49, 6.51

\*\* 495784.495, 3759412.058, 695.09, 3.49, 6.51

\*\* 495725.133, 3759453.112, 697.49, 3.49, 6.51

\*\* 495663.552, 3759506.926, 696.76, 3.49, 6.51

\*\* 495633.594, 3759539.659, 697.02, 3.49, 6.51

\*\* 495608.073, 3759574.610, 698.00, 3.49, 6.51

\*\* 495592.539, 3759621.767, 698.30, 3.49, 6.51

\*\* 495584.772, 3759658.383, 698.93, 3.49, 6.51

\*\* 495592.539, 3759700.547, 699.87, 3.49, 6.51

\*\* 495601.416, 3759729.395, 700.65, 3.49, 6.51

\*\* 495621.388, 3759768.785, 701.23, 3.49, 6.51

\*\* 495631.929, 3759806.511, 702.00, 3.49, 6.51

\*\* 495632.484, 3759840.353, 703.07, 3.49, 6.51

\*\* 495628.046, 3759865.318, 703.00, 3.49, 6.51

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LOCATION	VOLUME				
L0004295	495876.762	3759354.196	695.00		
L0004296	495864.902	3759361.634	695.00		
L0004297	495853.041	3759369.072	695.00		
L0004298	495841.180	3759376.510	695.00		
L0004299	495829.320	3759383.948	695.00		
L0004300	495817.459	3759391.386	695.00		
L0004301	495805.598	3759398.824	695.00		
L0004302	495793.738	3759406.262	695.00		
L0004303	495781.953	3759413.816	695.46		
L0004304	495770.439	3759421.779	695.84		
L0004305	495758.924	3759429.743	696.04		
L0004306	495747.410	3759437.706	696.48		
L0004307	495735.895	3759445.669	697.13		
L0004308	495724.444	3759453.714	697.39		
L0004309	495713.902	3759462.927	697.34		



LOCATION	VOLUME				
LOCATION L0004310	VOLUME	495703.360	3759472.139	697.08	
LOCATION L0004311	VOLUME	495692.818	3759481.351	696.87	
LOCATION L0004312	VOLUME	495682.276	3759490.564	696.89	
LOCATION L0004313	VOLUME	495671.734	3759499.776	697.12	
LOCATION L0004314	VOLUME	495661.436	3759509.238	697.14	
LOCATION L0004315	VOLUME	495651.984	3759519.565	697.16	
LOCATION L0004316	VOLUME	495642.532	3759529.893	697.19	
LOCATION L0004317	VOLUME	495633.145	3759540.273	697.47	
LOCATION L0004318	VOLUME	495624.889	3759551.580	697.85	
LOCATION L0004319	VOLUME	495616.633	3759562.887	698.00	
LOCATION L0004320	VOLUME	495608.377	3759574.194	697.97	
LOCATION L0004321	VOLUME	495603.855	3759587.418	698.03	
LOCATION L0004322	VOLUME	495599.474	3759600.715	698.31	
LOCATION L0004323	VOLUME	495595.094	3759614.012	698.45	
LOCATION L0004324	VOLUME	495591.329	3759627.475	698.60	
LOCATION L0004325	VOLUME	495588.424	3759641.170	698.88	
LOCATION L0004326	VOLUME	495585.519	3759654.865	699.05	
LOCATION L0004327	VOLUME	495586.657	3759668.615	699.16	
LOCATION L0004328	VOLUME	495589.194	3759682.383	699.44	
LOCATION L0004329	VOLUME	495591.730	3759696.152	699.79	
LOCATION L0004330	VOLUME	495595.342	3759709.656	700.06	
LOCATION L0004331	VOLUME	495599.460	3759723.037	700.36	
LOCATION L0004332	VOLUME	495604.739	3759735.949	700.80	
LOCATION L0004333	VOLUME	495611.070	3759748.435	701.00	
LOCATION L0004334	VOLUME	495617.401	3759760.922	701.15	
LOCATION L0004335	VOLUME	495622.783	3759773.778	701.56	
LOCATION L0004336	VOLUME	495626.551	3759787.261	701.86	
LOCATION L0004337	VOLUME	495630.318	3759800.745	702.15	
LOCATION L0004338	VOLUME	495632.061	3759814.523	702.61	
LOCATION L0004339	VOLUME	495632.290	3759828.521	703.00	
LOCATION L0004340	VOLUME	495632.105	3759842.486	703.00	
LOCATION L0004341	VOLUME	495629.654	3759856.270	703.00	

\*\* End of LINE VOLUME Source ID = SLINE25

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\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE26

\*\* DESCRSRC TTP Singleton 2%

\*\* PREFIX

\*\* Length of Side = 14.00

\*\* Configuration = Adjacent

\*\* Emission Rate = 1.697E-06

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 18

\*\* 495624.717, 3759870.866, 703.66, 3.49, 6.51

\*\* 495696.839, 3759893.612, 703.94, 3.49, 6.51

\*\* 495790.598, 3759932.447, 706.66, 3.49, 6.51

\*\* 495874.926, 3759985.707, 708.95, 3.49, 6.51

\*\* 495912.096, 3760018.439, 711.06, 3.49, 6.51

\*\* 495967.020, 3760072.253, 715.93, 3.49, 6.51

\*\* 496037.478, 3760152.142, 717.99, 3.49, 6.51

\*\* 496093.511, 3760215.388, 719.05, 3.49, 6.51

\*\* 496226.660, 3760367.954, 731.00, 3.49, 6.51

\*\* 496359.809, 3760518.856, 735.99, 3.49, 6.51

\*\* 496403.082, 3760564.348, 741.96, 3.49, 6.51

\*\* 496459.115, 3760634.252, 752.33, 3.49, 6.51

\*\* 496512.930, 3760715.250, 769.04, 3.49, 6.51

\*\* 496556.758, 3760787.373, 760.72, 3.49, 6.51

\*\* 496603.915, 3760882.796, 767.63, 3.49, 6.51

\*\* 496638.311, 3760959.911, 789.44, 3.49, 6.51

\*\* 496671.598, 3761054.779, 763.63, 3.49, 6.51

\*\* 496674.372, 3761064.766, 763.90, 3.49, 6.51

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LOCATION L0004342	VOLUME	495631.393	3759872.971	703.56	
LOCATION L0004343	VOLUME	495644.745	3759877.182	703.64	
LOCATION L0004344	VOLUME	495658.096	3759881.393	703.44	

LOCATION	L0004345	VOLUME	495671.448	3759885.604	703.05
LOCATION	L0004346	VOLUME	495684.800	3759889.815	703.60
LOCATION	L0004347	VOLUME	495698.110	3759894.139	704.19
LOCATION	L0004348	VOLUME	495711.045	3759899.496	704.64
LOCATION	L0004349	VOLUME	495723.979	3759904.853	704.92
LOCATION	L0004350	VOLUME	495736.914	3759910.211	705.17
LOCATION	L0004351	VOLUME	495749.848	3759915.568	705.63
LOCATION	L0004352	VOLUME	495762.782	3759920.926	706.01
LOCATION	L0004353	VOLUME	495775.717	3759926.283	706.17
LOCATION	L0004354	VOLUME	495788.651	3759931.641	706.49
LOCATION	L0004355	VOLUME	495800.653	3759938.798	707.10
LOCATION	L0004356	VOLUME	495812.490	3759946.274	707.74
LOCATION	L0004357	VOLUME	495824.327	3759953.749	708.25
LOCATION	L0004358	VOLUME	495836.164	3759961.225	708.50
LOCATION	L0004359	VOLUME	495848.000	3759968.701	708.75
LOCATION	L0004360	VOLUME	495859.837	3759976.177	709.00
LOCATION	L0004361	VOLUME	495871.674	3759983.653	709.43
LOCATION	L0004362	VOLUME	495882.546	3759992.417	710.11
LOCATION	L0004363	VOLUME	495893.053	3760001.670	710.76
LOCATION	L0004364	VOLUME	495903.560	3760010.922	711.32
LOCATION	L0004365	VOLUME	495913.972	3760020.277	712.06
LOCATION	L0004366	VOLUME	495923.972	3760030.075	713.04
LOCATION	L0004367	VOLUME	495933.972	3760039.873	714.06
LOCATION	L0004368	VOLUME	495943.972	3760049.671	714.96
LOCATION	L0004369	VOLUME	495953.972	3760059.469	715.65
LOCATION	L0004370	VOLUME	495963.972	3760069.267	716.12
LOCATION	L0004371	VOLUME	495973.458	3760079.552	716.30
LOCATION	L0004372	VOLUME	495982.718	3760090.052	716.06
LOCATION	L0004373	VOLUME	495991.978	3760100.552	715.67
LOCATION	L0004374	VOLUME	496001.238	3760111.052	715.52
LOCATION	L0004375	VOLUME	496010.499	3760121.552	716.18
LOCATION	L0004376	VOLUME	496019.759	3760132.052	716.84
LOCATION	L0004377	VOLUME	496029.019	3760142.552	717.50
LOCATION	L0004378	VOLUME	496038.282	3760153.050	718.16
LOCATION	L0004379	VOLUME	496047.566	3760163.529	718.57
LOCATION	L0004380	VOLUME	496056.850	3760174.008	718.88
LOCATION	L0004381	VOLUME	496066.134	3760184.486	719.19
LOCATION	L0004382	VOLUME	496075.418	3760194.965	719.35
LOCATION	L0004383	VOLUME	496084.702	3760205.444	719.29
LOCATION	L0004384	VOLUME	496093.981	3760215.927	719.36
LOCATION	L0004385	VOLUME	496103.187	3760226.475	721.01
LOCATION	L0004386	VOLUME	496112.392	3760237.023	722.26
LOCATION	L0004387	VOLUME	496121.598	3760247.571	723.23
LOCATION	L0004388	VOLUME	496130.803	3760258.119	724.94
LOCATION	L0004389	VOLUME	496140.009	3760268.667	726.65
LOCATION	L0004390	VOLUME	496149.214	3760279.214	727.98
LOCATION	L0004391	VOLUME	496158.420	3760289.762	728.12
LOCATION	L0004392	VOLUME	496167.625	3760300.310	728.46
LOCATION	L0004393	VOLUME	496176.831	3760310.858	729.07
LOCATION	L0004394	VOLUME	496186.036	3760321.406	729.70
LOCATION	L0004395	VOLUME	496195.242	3760331.954	730.35
LOCATION	L0004396	VOLUME	496204.447	3760342.502	730.84
LOCATION	L0004397	VOLUME	496213.653	3760353.050	731.00
LOCATION	L0004398	VOLUME	496222.858	3760363.598	731.00
LOCATION	L0004399	VOLUME	496232.097	3760374.117	731.38
LOCATION	L0004400	VOLUME	496241.360	3760384.614	732.20
LOCATION	L0004401	VOLUME	496250.623	3760395.112	732.28
LOCATION	L0004402	VOLUME	496259.885	3760405.610	731.48
LOCATION	L0004403	VOLUME	496269.148	3760416.107	731.03
LOCATION	L0004404	VOLUME	496278.411	3760426.605	731.00
LOCATION	L0004405	VOLUME	496287.673	3760437.103	731.00
LOCATION	L0004406	VOLUME	496296.936	3760447.601	731.00
LOCATION	L0004407	VOLUME	496306.199	3760458.098	731.09
LOCATION	L0004408	VOLUME	496315.462	3760468.596	731.83
LOCATION	L0004409	VOLUME	496324.724	3760479.094	733.00
LOCATION	L0004410	VOLUME	496333.987	3760489.592	734.13

LOCATION	VOLUME				
L0004411	496343.250	3760500.089	734.66		
L0004412	496352.512	3760510.587	735.41		
L0004413	496361.857	3760521.010	736.69		
L0004414	496371.506	3760531.153	738.18		
L0004415	496381.155	3760541.297	739.46		
L0004416	496390.804	3760551.441	740.52		
L0004417	496400.453	3760561.585	741.37		
L0004418	496409.453	3760572.296	742.06		
L0004419	496418.209	3760583.220	743.13		
L0004420	496426.965	3760594.143	743.83		
L0004421	496435.721	3760605.067	744.34		
L0004422	496444.478	3760615.991	747.52		
L0004423	496453.234	3760626.915	750.02		
L0004424	496461.659	3760638.080	751.42		
L0004425	496469.406	3760649.741	754.42		
L0004426	496477.154	3760661.402	758.23		
L0004427	496484.901	3760673.063	761.88		
L0004428	496492.649	3760684.724	764.91		
L0004429	496500.396	3760696.385	767.66		
L0004430	496508.143	3760708.046	767.98		
L0004431	496515.708	3760719.823	769.81		
L0004432	496522.979	3760731.787	768.93		
L0004433	496530.249	3760743.751	765.19		
L0004434	496537.520	3760755.715	763.00		
L0004435	496544.790	3760767.679	761.83		
L0004436	496552.061	3760779.644	760.67		
L0004437	496558.953	3760791.815	760.11		
L0004438	496565.156	3760804.366	759.03		
L0004439	496571.358	3760816.918	757.39		
L0004440	496577.561	3760829.469	759.03		
L0004441	496583.764	3760842.020	759.97		
L0004442	496589.966	3760854.571	763.05		
L0004443	496596.169	3760867.122	765.97		
L0004444	496602.371	3760879.673	768.19		
L0004445	496608.198	3760892.400	772.16		
L0004446	496613.901	3760905.186	776.25		
L0004447	496619.604	3760917.972	781.42		
L0004448	496625.307	3760930.757	784.95		
L0004449	496631.010	3760943.543	786.88		
L0004450	496636.713	3760956.329	788.35		
L0004451	496641.648	3760969.420	789.70		
L0004452	496646.283	3760982.631	787.27		
L0004453	496650.918	3760995.841	785.11		
L0004454	496655.554	3761009.051	780.65		
L0004455	496660.189	3761022.262	776.40		
L0004456	496664.824	3761035.472	771.41		
L0004457	496669.459	3761048.683	766.15		
L0004458	496673.616	3761062.043	763.43		

\*\* End of LINE VOLUME Source ID = SLINE26

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\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE36

\*\* DESCRSRC WH Singleton 4%

\*\* PREFIX

\*\* Length of Side = 14.00

\*\* Configuration = Adjacent

\*\* Emission Rate = 6.424E-06

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 18

\*\* 495624.717, 3759870.866, 703.66, 3.49, 6.51

\*\* 495696.839, 3759893.612, 703.94, 3.49, 6.51

\*\* 495790.598, 3759932.447, 706.66, 3.49, 6.51

\*\* 495874.926, 3759985.707, 708.95, 3.49, 6.51

\*\* 495912.096, 3760018.439, 711.06, 3.49, 6.51

\*\* 495967.020, 3760072.253, 715.93, 3.49, 6.51

\*\* 496037.478, 3760152.142, 717.99, 3.49, 6.51  
 \*\* 496093.511, 3760215.388, 719.05, 3.49, 6.51  
 \*\* 496226.660, 3760367.954, 731.00, 3.49, 6.51  
 \*\* 496359.809, 3760518.856, 735.99, 3.49, 6.51  
 \*\* 496403.082, 3760564.348, 741.96, 3.49, 6.51  
 \*\* 496459.115, 3760634.252, 752.33, 3.49, 6.51  
 \*\* 496512.930, 3760715.250, 769.04, 3.49, 6.51  
 \*\* 496556.758, 3760787.373, 760.72, 3.49, 6.51  
 \*\* 496603.915, 3760882.796, 767.63, 3.49, 6.51  
 \*\* 496638.311, 3760959.911, 789.44, 3.49, 6.51  
 \*\* 496671.598, 3761054.779, 763.63, 3.49, 6.51  
 \*\* 496674.372, 3761064.766, 763.90, 3.49, 6.51

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LOCATION	L0007160	VOLUME	495631.393	3759872.971	703.56
LOCATION	L0007161	VOLUME	495644.745	3759877.182	703.64
LOCATION	L0007162	VOLUME	495658.096	3759881.393	703.44
LOCATION	L0007163	VOLUME	495671.448	3759885.604	703.05
LOCATION	L0007164	VOLUME	495684.800	3759889.815	703.60
LOCATION	L0007165	VOLUME	495698.110	3759894.139	704.19
LOCATION	L0007166	VOLUME	495711.045	3759899.496	704.64
LOCATION	L0007167	VOLUME	495723.979	3759904.853	704.92
LOCATION	L0007168	VOLUME	495736.914	3759910.211	705.17
LOCATION	L0007169	VOLUME	495749.848	3759915.568	705.63
LOCATION	L0007170	VOLUME	495762.782	3759920.926	706.01
LOCATION	L0007171	VOLUME	495775.717	3759926.283	706.17
LOCATION	L0007172	VOLUME	495788.651	3759931.641	706.49
LOCATION	L0007173	VOLUME	495800.653	3759938.798	707.10
LOCATION	L0007174	VOLUME	495812.490	3759946.274	707.74
LOCATION	L0007175	VOLUME	495824.327	3759953.749	708.25
LOCATION	L0007176	VOLUME	495836.164	3759961.225	708.50
LOCATION	L0007177	VOLUME	495848.000	3759968.701	708.75
LOCATION	L0007178	VOLUME	495859.837	3759976.177	709.00
LOCATION	L0007179	VOLUME	495871.674	3759983.653	709.43
LOCATION	L0007180	VOLUME	495882.546	3759992.417	710.11
LOCATION	L0007181	VOLUME	495893.053	3760001.670	710.76
LOCATION	L0007182	VOLUME	495903.560	3760010.922	711.32
LOCATION	L0007183	VOLUME	495913.972	3760020.277	712.06
LOCATION	L0007184	VOLUME	495923.972	3760030.075	713.04
LOCATION	L0007185	VOLUME	495933.972	3760039.873	714.06
LOCATION	L0007186	VOLUME	495943.972	3760049.671	714.96
LOCATION	L0007187	VOLUME	495953.972	3760059.469	715.65
LOCATION	L0007188	VOLUME	495963.972	3760069.267	716.12
LOCATION	L0007189	VOLUME	495973.458	3760079.552	716.30
LOCATION	L0007190	VOLUME	495982.718	3760090.052	716.06
LOCATION	L0007191	VOLUME	495991.978	3760100.552	715.67
LOCATION	L0007192	VOLUME	496001.238	3760111.052	715.52
LOCATION	L0007193	VOLUME	496010.499	3760121.552	716.18
LOCATION	L0007194	VOLUME	496019.759	3760132.052	716.84
LOCATION	L0007195	VOLUME	496029.019	3760142.552	717.50
LOCATION	L0007196	VOLUME	496038.282	3760153.050	718.16
LOCATION	L0007197	VOLUME	496047.566	3760163.529	718.57
LOCATION	L0007198	VOLUME	496056.850	3760174.008	718.88
LOCATION	L0007199	VOLUME	496066.134	3760184.486	719.19
LOCATION	L0007200	VOLUME	496075.418	3760194.965	719.35
LOCATION	L0007201	VOLUME	496084.702	3760205.444	719.29
LOCATION	L0007202	VOLUME	496093.981	3760215.927	719.36
LOCATION	L0007203	VOLUME	496103.187	3760226.475	721.01
LOCATION	L0007204	VOLUME	496112.392	3760237.023	722.26
LOCATION	L0007205	VOLUME	496121.598	3760247.571	723.23
LOCATION	L0007206	VOLUME	496130.803	3760258.119	724.94
LOCATION	L0007207	VOLUME	496140.009	3760268.667	726.65
LOCATION	L0007208	VOLUME	496149.214	3760279.214	727.98
LOCATION	L0007209	VOLUME	496158.420	3760289.762	728.12
LOCATION	L0007210	VOLUME	496167.625	3760300.310	728.46
LOCATION	L0007211	VOLUME	496176.831	3760310.858	729.07
LOCATION	L0007212	VOLUME	496186.036	3760321.406	729.70

LOCATION L0007213	VOLUME	496195.242	3760331.954	730.35
LOCATION L0007214	VOLUME	496204.447	3760342.502	730.84
LOCATION L0007215	VOLUME	496213.653	3760353.050	731.00
LOCATION L0007216	VOLUME	496222.858	3760363.598	731.00
LOCATION L0007217	VOLUME	496232.097	3760374.117	731.38
LOCATION L0007218	VOLUME	496241.360	3760384.614	732.20
LOCATION L0007219	VOLUME	496250.623	3760395.112	732.28
LOCATION L0007220	VOLUME	496259.885	3760405.610	731.48
LOCATION L0007221	VOLUME	496269.148	3760416.107	731.03
LOCATION L0007222	VOLUME	496278.411	3760426.605	731.00
LOCATION L0007223	VOLUME	496287.673	3760437.103	731.00
LOCATION L0007224	VOLUME	496296.936	3760447.601	731.00
LOCATION L0007225	VOLUME	496306.199	3760458.098	731.09
LOCATION L0007226	VOLUME	496315.462	3760468.596	731.83
LOCATION L0007227	VOLUME	496324.724	3760479.094	733.00
LOCATION L0007228	VOLUME	496333.987	3760489.592	734.13
LOCATION L0007229	VOLUME	496343.250	3760500.089	734.66
LOCATION L0007230	VOLUME	496352.512	3760510.587	735.41
LOCATION L0007231	VOLUME	496361.857	3760521.010	736.69
LOCATION L0007232	VOLUME	496371.506	3760531.153	738.18
LOCATION L0007233	VOLUME	496381.155	3760541.297	739.46
LOCATION L0007234	VOLUME	496390.804	3760551.441	740.52
LOCATION L0007235	VOLUME	496400.453	3760561.585	741.37
LOCATION L0007236	VOLUME	496409.453	3760572.296	742.06
LOCATION L0007237	VOLUME	496418.209	3760583.220	743.13
LOCATION L0007238	VOLUME	496426.965	3760594.143	743.83
LOCATION L0007239	VOLUME	496435.721	3760605.067	744.34
LOCATION L0007240	VOLUME	496444.478	3760615.991	747.52
LOCATION L0007241	VOLUME	496453.234	3760626.915	750.02
LOCATION L0007242	VOLUME	496461.659	3760638.080	751.42
LOCATION L0007243	VOLUME	496469.406	3760649.741	754.42
LOCATION L0007244	VOLUME	496477.154	3760661.402	758.23
LOCATION L0007245	VOLUME	496484.901	3760673.063	761.88
LOCATION L0007246	VOLUME	496492.649	3760684.724	764.91
LOCATION L0007247	VOLUME	496500.396	3760696.385	767.66
LOCATION L0007248	VOLUME	496508.143	3760708.046	767.98
LOCATION L0007249	VOLUME	496515.708	3760719.823	769.81
LOCATION L0007250	VOLUME	496522.979	3760731.787	768.93
LOCATION L0007251	VOLUME	496530.249	3760743.751	765.19
LOCATION L0007252	VOLUME	496537.520	3760755.715	763.00
LOCATION L0007253	VOLUME	496544.790	3760767.679	761.83
LOCATION L0007254	VOLUME	496552.061	3760779.644	760.67
LOCATION L0007255	VOLUME	496558.953	3760791.815	760.11
LOCATION L0007256	VOLUME	496565.156	3760804.366	759.03
LOCATION L0007257	VOLUME	496571.358	3760816.918	757.39
LOCATION L0007258	VOLUME	496577.561	3760829.469	759.03
LOCATION L0007259	VOLUME	496583.764	3760842.020	759.97
LOCATION L0007260	VOLUME	496589.966	3760854.571	763.05
LOCATION L0007261	VOLUME	496596.169	3760867.122	765.97
LOCATION L0007262	VOLUME	496602.371	3760879.673	768.19
LOCATION L0007263	VOLUME	496608.198	3760892.400	772.16
LOCATION L0007264	VOLUME	496613.901	3760905.186	776.25
LOCATION L0007265	VOLUME	496619.604	3760917.972	781.42
LOCATION L0007266	VOLUME	496625.307	3760930.757	784.95
LOCATION L0007267	VOLUME	496631.010	3760943.543	786.88
LOCATION L0007268	VOLUME	496636.713	3760956.329	788.35
LOCATION L0007269	VOLUME	496641.648	3760969.420	789.70
LOCATION L0007270	VOLUME	496646.283	3760982.631	787.27
LOCATION L0007271	VOLUME	496650.918	3760995.841	785.11
LOCATION L0007272	VOLUME	496655.554	3761009.051	780.65
LOCATION L0007273	VOLUME	496660.189	3761022.262	776.40
LOCATION L0007274	VOLUME	496664.824	3761035.472	771.41
LOCATION L0007275	VOLUME	496669.459	3761048.683	766.15
LOCATION L0007276	VOLUME	496673.616	3761062.043	763.43

\*\* End of LINE VOLUME Source ID = SLINE36

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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE27
** DESCRSRC TTP Singleton 66%
** PREFIX
** Length of Side = 14.00
** Configuration = Adjacent
** Emission Rate = 0.0000121
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 3
** 495623.649, 3759870.316, 703.63, 3.49, 6.51
** 495527.907, 3759852.599, 703.03, 3.49, 6.51
** 495274.751, 3759817.845, 695.95, 3.49, 6.51

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LOCATION L0004576      VOLUME  495616.766 3759869.043 703.43
LOCATION L0004577      VOLUME  495602.999 3759866.495 703.34
LOCATION L0004578      VOLUME  495589.233 3759863.948 703.26
LOCATION L0004579      VOLUME  495575.467 3759861.400 703.34
LOCATION L0004580      VOLUME  495561.701 3759858.853 703.71
LOCATION L0004581      VOLUME  495547.934 3759856.305 703.92
LOCATION L0004582      VOLUME  495534.168 3759853.758 703.38
LOCATION L0004583      VOLUME  495520.345 3759851.561 702.85
LOCATION L0004584      VOLUME  495506.475 3759849.657 702.78
LOCATION L0004585      VOLUME  495492.606 3759847.753 702.72
LOCATION L0004586      VOLUME  495478.736 3759845.849 702.66
LOCATION L0004587      VOLUME  495464.866 3759843.945 702.59
LOCATION L0004588      VOLUME  495450.996 3759842.040 701.90
LOCATION L0004589      VOLUME  495437.126 3759840.136 700.91
LOCATION L0004590      VOLUME  495423.256 3759838.232 700.40
LOCATION L0004591      VOLUME  495409.386 3759836.328 700.34
LOCATION L0004592      VOLUME  495395.516 3759834.424 699.95
LOCATION L0004593      VOLUME  495381.646 3759832.520 698.96
LOCATION L0004594      VOLUME  495367.776 3759830.616 698.13
LOCATION L0004595      VOLUME  495353.906 3759828.712 698.04
LOCATION L0004596      VOLUME  495340.036 3759826.808 697.99
LOCATION L0004597      VOLUME  495326.167 3759824.904 697.50
LOCATION L0004598      VOLUME  495312.297 3759823.000 697.06
LOCATION L0004599      VOLUME  495298.427 3759821.096 696.60
LOCATION L0004600      VOLUME  495284.557 3759819.192 696.14

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** End of LINE VOLUME Source ID = SLINE27

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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE37
** DESCRSRC WH Singleton 62%
** PREFIX
** Length of Side = 14.00
** Configuration = Adjacent
** Emission Rate = 0.00002151
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 3
** 495623.649, 3759870.316, 703.63, 3.49, 6.51
** 495527.907, 3759852.599, 703.03, 3.49, 6.51
** 495274.751, 3759817.845, 695.95, 3.49, 6.51

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LOCATION L0007277      VOLUME  495616.766 3759869.043 703.43
LOCATION L0007278      VOLUME  495602.999 3759866.495 703.34
LOCATION L0007279      VOLUME  495589.233 3759863.948 703.26
LOCATION L0007280      VOLUME  495575.467 3759861.400 703.34
LOCATION L0007281      VOLUME  495561.701 3759858.853 703.71
LOCATION L0007282      VOLUME  495547.934 3759856.305 703.92
LOCATION L0007283      VOLUME  495534.168 3759853.758 703.38
LOCATION L0007284      VOLUME  495520.345 3759851.561 702.85
LOCATION L0007285      VOLUME  495506.475 3759849.657 702.78
LOCATION L0007286      VOLUME  495492.606 3759847.753 702.72
LOCATION L0007287      VOLUME  495478.736 3759845.849 702.66

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LOCATION L0007288	VOLUME	495464.866	3759843.945	702.59
LOCATION L0007289	VOLUME	495450.996	3759842.040	701.90
LOCATION L0007290	VOLUME	495437.126	3759840.136	700.91
LOCATION L0007291	VOLUME	495423.256	3759838.232	700.40
LOCATION L0007292	VOLUME	495409.386	3759836.328	700.34
LOCATION L0007293	VOLUME	495395.516	3759834.424	699.95
LOCATION L0007294	VOLUME	495381.646	3759832.520	698.96
LOCATION L0007295	VOLUME	495367.776	3759830.616	698.13
LOCATION L0007296	VOLUME	495353.906	3759828.712	698.04
LOCATION L0007297	VOLUME	495340.036	3759826.808	697.99
LOCATION L0007298	VOLUME	495326.167	3759824.904	697.50
LOCATION L0007299	VOLUME	495312.297	3759823.000	697.06
LOCATION L0007300	VOLUME	495298.427	3759821.096	696.60
LOCATION L0007301	VOLUME	495284.557	3759819.192	696.14

\*\* End of LINE VOLUME Source ID = SLINE37

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\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE28

\*\* DESCRSRC TTP Calimesa 2%

\*\* PREFIX

\*\* Length of Side = 8.59

\*\* Configuration = Adjacent

\*\* Emission Rate = 2.29E-06

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 40

\*\* 495622.328, 3759881.406, 703.88, 3.49, 4.00

\*\* 495616.197, 3759905.458, 704.53, 3.49, 4.00

\*\* 495606.766, 3759914.418, 704.96, 3.49, 4.00

\*\* 495586.487, 3759936.111, 706.21, 3.49, 4.00

\*\* 495550.175, 3759955.446, 706.88, 3.49, 4.00

\*\* 495500.658, 3759976.196, 706.97, 3.49, 4.00

\*\* 495457.272, 3759982.798, 707.87, 3.49, 4.00

\*\* 495435.579, 3759981.383, 707.04, 3.49, 4.00

\*\* 495411.056, 3759982.798, 706.74, 3.49, 4.00

\*\* 495379.931, 3759988.929, 705.18, 3.49, 4.00

\*\* 495360.596, 3760001.662, 705.42, 3.49, 4.00

\*\* 495342.204, 3760021.940, 701.86, 3.49, 4.00

\*\* 495313.437, 3760070.514, 700.05, 3.49, 4.00

\*\* 495290.329, 3760125.218, 701.08, 3.49, 4.00

\*\* 495233.738, 3760244.531, 705.17, 3.49, 4.00

\*\* 495219.591, 3760280.371, 706.00, 3.49, 4.00

\*\* 495198.841, 3760346.866, 708.66, 3.49, 4.00

\*\* 495175.261, 3760411.473, 712.49, 3.49, 4.00

\*\* 495165.829, 3760440.712, 714.47, 3.49, 4.00

\*\* 495150.738, 3760491.644, 717.12, 3.49, 4.00

\*\* 495134.704, 3760531.729, 719.55, 3.49, 4.00

\*\* 495111.125, 3760577.945, 720.10, 3.49, 4.00

\*\* 495055.949, 3760678.393, 719.90, 3.49, 4.00

\*\* 495036.142, 3760709.990, 720.45, 3.49, 4.00

\*\* 494979.551, 3760807.609, 719.87, 3.49, 4.00

\*\* 494952.671, 3760858.540, 718.53, 3.49, 4.00

\*\* 494931.449, 3760899.569, 710.33, 3.49, 4.00

\*\* 494918.716, 3760925.978, 709.99, 3.49, 4.00

\*\* 494905.983, 3760953.802, 709.70, 3.49, 4.00

\*\* 494880.517, 3761012.750, 710.55, 3.49, 4.00

\*\* 494840.904, 3761121.687, 715.98, 3.49, 4.00

\*\* 494815.910, 3761181.579, 718.04, 3.49, 4.00

\*\* 494798.932, 3761207.517, 719.00, 3.49, 4.00

\*\* 494783.370, 3761217.420, 720.36, 3.49, 4.00

\*\* 494772.052, 3761224.022, 721.60, 3.49, 4.00

\*\* 494764.035, 3761294.289, 722.24, 3.49, 4.00

\*\* 494748.944, 3761342.391, 730.58, 3.49, 4.00

\*\* 494705.086, 3761455.101, 733.00, 3.49, 4.00

\*\* 494644.251, 3761609.311, 732.91, 3.49, 4.00

\*\* 494598.507, 3761722.493, 733.94, 3.49, 4.00

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LOCATION	L0004626	VOLUME	495621.267	3759885.568	703.98
LOCATION	L0004627	VOLUME	495619.146	3759893.892	704.11
LOCATION	L0004628	VOLUME	495617.024	3759902.216	704.30
LOCATION	L0004629	VOLUME	495612.395	3759909.070	704.66
LOCATION	L0004630	VOLUME	495606.202	3759915.021	704.96
LOCATION	L0004631	VOLUME	495600.336	3759921.296	705.00
LOCATION	L0004632	VOLUME	495594.470	3759927.571	705.23
LOCATION	L0004633	VOLUME	495588.604	3759933.846	705.69
LOCATION	L0004634	VOLUME	495581.641	3759938.691	706.41
LOCATION	L0004635	VOLUME	495574.059	3759942.729	706.79
LOCATION	L0004636	VOLUME	495566.477	3759946.766	707.00
LOCATION	L0004637	VOLUME	495558.895	3759950.803	707.00
LOCATION	L0004638	VOLUME	495551.313	3759954.840	707.00
LOCATION	L0004639	VOLUME	495543.441	3759958.268	706.86
LOCATION	L0004640	VOLUME	495535.519	3759961.588	706.76
LOCATION	L0004641	VOLUME	495527.596	3759964.908	706.71
LOCATION	L0004642	VOLUME	495519.674	3759968.228	706.73
LOCATION	L0004643	VOLUME	495511.751	3759971.547	706.85
LOCATION	L0004644	VOLUME	495503.829	3759974.867	706.96
LOCATION	L0004645	VOLUME	495495.564	3759976.971	707.09
LOCATION	L0004646	VOLUME	495487.072	3759978.263	707.30
LOCATION	L0004647	VOLUME	495478.580	3759979.556	707.64
LOCATION	L0004648	VOLUME	495470.088	3759980.848	707.93
LOCATION	L0004649	VOLUME	495461.595	3759982.140	708.17
LOCATION	L0004650	VOLUME	495453.064	3759982.524	707.92
LOCATION	L0004651	VOLUME	495444.492	3759981.965	707.56
LOCATION	L0004652	VOLUME	495435.921	3759981.406	707.22
LOCATION	L0004653	VOLUME	495427.345	3759981.858	707.00
LOCATION	L0004654	VOLUME	495418.769	3759982.353	707.00
LOCATION	L0004655	VOLUME	495410.208	3759982.965	707.00
LOCATION	L0004656	VOLUME	495401.780	3759984.625	707.00
LOCATION	L0004657	VOLUME	495393.352	3759986.285	706.61
LOCATION	L0004658	VOLUME	495384.924	3759987.945	706.17
LOCATION	L0004659	VOLUME	495377.007	3759990.854	705.82
LOCATION	L0004660	VOLUME	495369.833	3759995.579	705.59
LOCATION	L0004661	VOLUME	495362.659	3760000.303	705.03
LOCATION	L0004662	VOLUME	495356.485	3760006.195	704.61
LOCATION	L0004663	VOLUME	495350.714	3760012.558	703.53
LOCATION	L0004664	VOLUME	495344.943	3760018.920	702.54
LOCATION	L0004665	VOLUME	495339.904	3760025.823	701.66
LOCATION	L0004666	VOLUME	495335.527	3760033.214	701.00
LOCATION	L0004667	VOLUME	495331.150	3760040.606	700.79
LOCATION	L0004668	VOLUME	495326.772	3760047.997	700.76
LOCATION	L0004669	VOLUME	495322.395	3760055.388	700.66
LOCATION	L0004670	VOLUME	495318.018	3760062.779	700.48
LOCATION	L0004671	VOLUME	495313.641	3760070.170	700.35
LOCATION	L0004672	VOLUME	495310.250	3760078.059	700.39
LOCATION	L0004673	VOLUME	495306.907	3760085.972	700.47
LOCATION	L0004674	VOLUME	495303.565	3760093.885	700.49
LOCATION	L0004675	VOLUME	495300.222	3760101.798	700.70
LOCATION	L0004676	VOLUME	495296.880	3760109.710	701.00
LOCATION	L0004677	VOLUME	495293.537	3760117.623	701.31
LOCATION	L0004678	VOLUME	495290.181	3760125.530	701.61
LOCATION	L0004679	VOLUME	495286.500	3760133.292	701.12
LOCATION	L0004680	VOLUME	495282.819	3760141.053	700.63
LOCATION	L0004681	VOLUME	495279.137	3760148.814	700.18
LOCATION	L0004682	VOLUME	495275.456	3760156.575	699.85
LOCATION	L0004683	VOLUME	495271.775	3760164.337	700.06
LOCATION	L0004684	VOLUME	495268.094	3760172.098	700.34
LOCATION	L0004685	VOLUME	495264.412	3760179.859	700.68
LOCATION	L0004686	VOLUME	495260.731	3760187.620	701.05
LOCATION	L0004687	VOLUME	495257.050	3760195.381	701.31
LOCATION	L0004688	VOLUME	495253.369	3760203.143	701.56
LOCATION	L0004689	VOLUME	495249.688	3760210.904	701.86
LOCATION	L0004690	VOLUME	495246.006	3760218.665	702.46



LOCATION	L0004691	VOLUME	495242.325	3760226.426	703.22
LOCATION	L0004692	VOLUME	495238.644	3760234.188	703.98
LOCATION	L0004693	VOLUME	495234.963	3760241.949	704.75
LOCATION	L0004694	VOLUME	495231.633	3760249.863	705.25
LOCATION	L0004695	VOLUME	495228.479	3760257.853	705.46
LOCATION	L0004696	VOLUME	495225.325	3760265.843	705.67
LOCATION	L0004697	VOLUME	495222.172	3760273.833	705.88
LOCATION	L0004698	VOLUME	495219.126	3760281.861	706.26
LOCATION	L0004699	VOLUME	495216.567	3760290.061	706.66
LOCATION	L0004700	VOLUME	495214.008	3760298.261	707.00
LOCATION	L0004701	VOLUME	495211.449	3760306.461	707.30
LOCATION	L0004702	VOLUME	495208.890	3760314.661	707.49
LOCATION	L0004703	VOLUME	495206.331	3760322.861	707.73
LOCATION	L0004704	VOLUME	495203.772	3760331.061	708.01
LOCATION	L0004705	VOLUME	495201.214	3760339.261	708.34
LOCATION	L0004706	VOLUME	495198.627	3760347.452	708.72
LOCATION	L0004707	VOLUME	495195.682	3760355.521	709.18
LOCATION	L0004708	VOLUME	495192.737	3760363.590	709.68
LOCATION	L0004709	VOLUME	495189.792	3760371.660	710.24
LOCATION	L0004710	VOLUME	495186.847	3760379.729	710.75
LOCATION	L0004711	VOLUME	495183.901	3760387.799	711.21
LOCATION	L0004712	VOLUME	495180.956	3760395.868	711.62
LOCATION	L0004713	VOLUME	495178.011	3760403.937	711.82
LOCATION	L0004714	VOLUME	495175.087	3760412.014	712.02
LOCATION	L0004715	VOLUME	495172.450	3760420.189	712.20
LOCATION	L0004716	VOLUME	495169.812	3760428.364	712.59
LOCATION	L0004717	VOLUME	495167.175	3760436.539	713.58
LOCATION	L0004718	VOLUME	495164.635	3760444.744	714.57
LOCATION	L0004719	VOLUME	495162.194	3760452.980	715.56
LOCATION	L0004720	VOLUME	495159.754	3760461.216	716.17
LOCATION	L0004721	VOLUME	495157.314	3760469.453	716.49
LOCATION	L0004722	VOLUME	495154.873	3760477.689	716.85
LOCATION	L0004723	VOLUME	495152.433	3760485.925	717.25
LOCATION	L0004724	VOLUME	495149.763	3760494.081	717.79
LOCATION	L0004725	VOLUME	495146.573	3760502.057	718.27
LOCATION	L0004726	VOLUME	495143.383	3760510.032	718.71
LOCATION	L0004727	VOLUME	495140.193	3760518.008	719.06
LOCATION	L0004728	VOLUME	495137.002	3760525.984	719.33
LOCATION	L0004729	VOLUME	495133.613	3760533.869	719.59
LOCATION	L0004730	VOLUME	495129.709	3760541.520	719.83
LOCATION	L0004731	VOLUME	495125.805	3760549.172	719.95
LOCATION	L0004732	VOLUME	495121.901	3760556.824	720.07
LOCATION	L0004733	VOLUME	495117.997	3760564.475	720.20
LOCATION	L0004734	VOLUME	495114.093	3760572.127	720.32
LOCATION	L0004735	VOLUME	495110.134	3760579.749	720.44
LOCATION	L0004736	VOLUME	495105.998	3760587.278	720.56
LOCATION	L0004737	VOLUME	495101.862	3760594.807	720.67
LOCATION	L0004738	VOLUME	495097.727	3760602.336	720.71
LOCATION	L0004739	VOLUME	495093.591	3760609.865	720.58
LOCATION	L0004740	VOLUME	495089.456	3760617.394	720.41
LOCATION	L0004741	VOLUME	495085.320	3760624.923	720.31
LOCATION	L0004742	VOLUME	495081.184	3760632.452	720.28
LOCATION	L0004743	VOLUME	495077.049	3760639.981	720.35
LOCATION	L0004744	VOLUME	495072.913	3760647.509	720.46
LOCATION	L0004745	VOLUME	495068.778	3760655.038	720.54
LOCATION	L0004746	VOLUME	495064.642	3760662.567	720.52
LOCATION	L0004747	VOLUME	495060.506	3760670.096	720.47
LOCATION	L0004748	VOLUME	495056.371	3760677.625	720.45
LOCATION	L0004749	VOLUME	495051.852	3760684.929	720.39
LOCATION	L0004750	VOLUME	495047.289	3760692.207	720.33
LOCATION	L0004751	VOLUME	495042.727	3760699.485	720.27
LOCATION	L0004752	VOLUME	495038.164	3760706.764	720.25
LOCATION	L0004753	VOLUME	495033.744	3760714.127	720.24
LOCATION	L0004754	VOLUME	495029.435	3760721.559	720.17
LOCATION	L0004755	VOLUME	495025.127	3760728.990	720.08
LOCATION	L0004756	VOLUME	495020.819	3760736.422	720.04

LOCATION	L0004757	VOLUME	495016.511	3760743.853	720.00
LOCATION	L0004758	VOLUME	495012.203	3760751.285	719.96
LOCATION	L0004759	VOLUME	495007.895	3760758.716	719.92
LOCATION	L0004760	VOLUME	495003.587	3760766.148	719.88
LOCATION	L0004761	VOLUME	494999.278	3760773.580	719.84
LOCATION	L0004762	VOLUME	494994.970	3760781.011	719.80
LOCATION	L0004763	VOLUME	494990.662	3760788.443	719.74
LOCATION	L0004764	VOLUME	494986.354	3760795.874	719.66
LOCATION	L0004765	VOLUME	494982.046	3760803.306	719.65
LOCATION	L0004766	VOLUME	494977.863	3760810.807	719.71
LOCATION	L0004767	VOLUME	494973.854	3760818.404	719.73
LOCATION	L0004768	VOLUME	494969.844	3760826.001	719.44
LOCATION	L0004769	VOLUME	494965.835	3760833.597	719.22
LOCATION	L0004770	VOLUME	494961.826	3760841.194	719.06
LOCATION	L0004771	VOLUME	494957.816	3760848.791	718.59
LOCATION	L0004772	VOLUME	494953.807	3760856.388	717.34
LOCATION	L0004773	VOLUME	494949.842	3760864.009	715.97
LOCATION	L0004774	VOLUME	494945.896	3760871.638	714.27
LOCATION	L0004775	VOLUME	494941.949	3760879.268	712.91
LOCATION	L0004776	VOLUME	494938.003	3760886.898	711.99
LOCATION	L0004777	VOLUME	494934.057	3760894.528	711.20
LOCATION	L0004778	VOLUME	494930.183	3760902.194	710.55
LOCATION	L0004779	VOLUME	494926.453	3760909.932	710.20
LOCATION	L0004780	VOLUME	494922.722	3760917.669	710.08
LOCATION	L0004781	VOLUME	494918.991	3760925.407	709.95
LOCATION	L0004782	VOLUME	494915.405	3760933.212	709.83
LOCATION	L0004783	VOLUME	494911.831	3760941.023	709.76
LOCATION	L0004784	VOLUME	494908.256	3760948.834	709.77
LOCATION	L0004785	VOLUME	494904.743	3760956.672	709.83
LOCATION	L0004786	VOLUME	494901.336	3760964.558	709.97
LOCATION	L0004787	VOLUME	494897.930	3760972.444	710.05
LOCATION	L0004788	VOLUME	494894.523	3760980.329	710.07
LOCATION	L0004789	VOLUME	494891.117	3760988.215	710.02
LOCATION	L0004790	VOLUME	494887.710	3760996.101	710.00
LOCATION	L0004791	VOLUME	494884.304	3761003.986	710.21
LOCATION	L0004792	VOLUME	494880.897	3761011.872	710.36
LOCATION	L0004793	VOLUME	494877.909	3761019.924	710.46
LOCATION	L0004794	VOLUME	494874.973	3761027.997	710.61
LOCATION	L0004795	VOLUME	494872.038	3761036.070	711.05
LOCATION	L0004796	VOLUME	494869.102	3761044.142	711.49
LOCATION	L0004797	VOLUME	494866.167	3761052.215	711.93
LOCATION	L0004798	VOLUME	494863.231	3761060.288	712.36
LOCATION	L0004799	VOLUME	494860.295	3761068.361	712.81
LOCATION	L0004800	VOLUME	494857.360	3761076.434	713.38
LOCATION	L0004801	VOLUME	494854.424	3761084.506	713.90
LOCATION	L0004802	VOLUME	494851.489	3761092.579	714.43
LOCATION	L0004803	VOLUME	494848.553	3761100.652	714.96
LOCATION	L0004804	VOLUME	494845.618	3761108.725	715.50
LOCATION	L0004805	VOLUME	494842.682	3761116.798	716.01
LOCATION	L0004806	VOLUME	494839.599	3761124.813	716.09
LOCATION	L0004807	VOLUME	494836.291	3761132.741	716.11
LOCATION	L0004808	VOLUME	494832.983	3761140.668	716.07
LOCATION	L0004809	VOLUME	494829.675	3761148.595	716.13
LOCATION	L0004810	VOLUME	494826.366	3761156.523	716.61
LOCATION	L0004811	VOLUME	494823.058	3761164.450	717.09
LOCATION	L0004812	VOLUME	494819.750	3761172.378	717.58
LOCATION	L0004813	VOLUME	494816.442	3761180.305	717.93
LOCATION	L0004814	VOLUME	494811.962	3761187.611	718.23
LOCATION	L0004815	VOLUME	494807.257	3761194.798	718.54
LOCATION	L0004816	VOLUME	494802.553	3761201.986	718.85
LOCATION	L0004817	VOLUME	494797.263	3761208.580	719.21
LOCATION	L0004818	VOLUME	494790.015	3761213.191	719.77
LOCATION	L0004819	VOLUME	494782.754	3761217.780	720.40
LOCATION	L0004820	VOLUME	494775.334	3761222.108	721.11
LOCATION	L0004821	VOLUME	494771.509	3761228.782	721.65
LOCATION	L0004822	VOLUME	494770.535	3761237.316	721.98

LOCATION L0004823	VOLUME	494769.561	3761245.851	722.06
LOCATION L0004824	VOLUME	494768.588	3761254.385	722.15
LOCATION L0004825	VOLUME	494767.614	3761262.920	722.26
LOCATION L0004826	VOLUME	494766.640	3761271.455	722.41
LOCATION L0004827	VOLUME	494765.666	3761279.989	722.61
LOCATION L0004828	VOLUME	494764.693	3761288.524	722.85
LOCATION L0004829	VOLUME	494763.200	3761296.949	723.26
LOCATION L0004830	VOLUME	494760.629	3761305.145	724.42
LOCATION L0004831	VOLUME	494758.058	3761313.341	725.53
LOCATION L0004832	VOLUME	494755.486	3761321.537	726.59
LOCATION L0004833	VOLUME	494752.915	3761329.733	727.81
LOCATION L0004834	VOLUME	494750.344	3761337.929	729.10
LOCATION L0004835	VOLUME	494747.525	3761346.039	730.16
LOCATION L0004836	VOLUME	494744.410	3761354.044	730.94
LOCATION L0004837	VOLUME	494741.295	3761362.049	731.23
LOCATION L0004838	VOLUME	494738.180	3761370.054	731.50
LOCATION L0004839	VOLUME	494735.065	3761378.060	731.78
LOCATION L0004840	VOLUME	494731.950	3761386.065	732.00
LOCATION L0004841	VOLUME	494728.835	3761394.070	732.36
LOCATION L0004842	VOLUME	494725.720	3761402.076	732.79
LOCATION L0004843	VOLUME	494722.605	3761410.081	733.27
LOCATION L0004844	VOLUME	494719.490	3761418.086	733.67
LOCATION L0004845	VOLUME	494716.374	3761426.091	733.60
LOCATION L0004846	VOLUME	494713.259	3761434.097	733.42
LOCATION L0004847	VOLUME	494710.144	3761442.102	733.13
LOCATION L0004848	VOLUME	494707.029	3761450.107	732.90
LOCATION L0004849	VOLUME	494703.900	3761458.107	732.87
LOCATION L0004850	VOLUME	494700.748	3761466.098	732.89
LOCATION L0004851	VOLUME	494697.596	3761474.089	732.97
LOCATION L0004852	VOLUME	494694.443	3761482.079	733.00
LOCATION L0004853	VOLUME	494691.291	3761490.070	733.00
LOCATION L0004854	VOLUME	494688.139	3761498.061	733.00
LOCATION L0004855	VOLUME	494684.987	3761506.051	733.00
LOCATION L0004856	VOLUME	494681.834	3761514.042	733.01
LOCATION L0004857	VOLUME	494678.682	3761522.033	732.94
LOCATION L0004858	VOLUME	494675.530	3761530.023	732.84
LOCATION L0004859	VOLUME	494672.377	3761538.014	732.75
LOCATION L0004860	VOLUME	494669.225	3761546.005	732.75
LOCATION L0004861	VOLUME	494666.073	3761553.995	732.81
LOCATION L0004862	VOLUME	494662.921	3761561.986	732.92
LOCATION L0004863	VOLUME	494659.768	3761569.977	733.04
LOCATION L0004864	VOLUME	494656.616	3761577.968	733.08
LOCATION L0004865	VOLUME	494653.464	3761585.958	733.07
LOCATION L0004866	VOLUME	494650.311	3761593.949	733.00
LOCATION L0004867	VOLUME	494647.159	3761601.940	732.91
LOCATION L0004868	VOLUME	494644.002	3761609.928	732.89
LOCATION L0004869	VOLUME	494640.783	3761617.892	732.91
LOCATION L0004870	VOLUME	494637.564	3761625.856	733.00
LOCATION L0004871	VOLUME	494634.345	3761633.821	733.00
LOCATION L0004872	VOLUME	494631.126	3761641.785	733.00
LOCATION L0004873	VOLUME	494627.908	3761649.749	733.00
LOCATION L0004874	VOLUME	494624.689	3761657.713	733.05
LOCATION L0004875	VOLUME	494621.470	3761665.677	733.32
LOCATION L0004876	VOLUME	494618.251	3761673.641	733.54
LOCATION L0004877	VOLUME	494615.032	3761681.605	733.70
LOCATION L0004878	VOLUME	494611.813	3761689.569	733.75
LOCATION L0004879	VOLUME	494608.595	3761697.534	733.76
LOCATION L0004880	VOLUME	494605.376	3761705.498	733.82
LOCATION L0004881	VOLUME	494602.157	3761713.462	733.94
LOCATION L0004882	VOLUME	494598.938	3761721.426	734.17

\*\* End of LINE VOLUME Source ID = SLINE28

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\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE39

\*\* DESCRSRC WH Calimesa 4%

\*\* PREFIX

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** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 8.668E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 40
** 495622.328, 3759881.406, 703.88, 3.49, 4.00
** 495616.197, 3759905.458, 704.53, 3.49, 4.00
** 495606.766, 3759914.418, 704.96, 3.49, 4.00
** 495586.487, 3759936.111, 706.21, 3.49, 4.00
** 495550.175, 3759955.446, 706.88, 3.49, 4.00
** 495500.658, 3759976.196, 706.97, 3.49, 4.00
** 495457.272, 3759982.798, 707.87, 3.49, 4.00
** 495435.579, 3759981.383, 707.04, 3.49, 4.00
** 495411.056, 3759982.798, 706.74, 3.49, 4.00
** 495379.931, 3759988.929, 705.18, 3.49, 4.00
** 495360.596, 3760001.662, 705.42, 3.49, 4.00
** 495342.204, 3760021.940, 701.86, 3.49, 4.00
** 495313.437, 3760070.514, 700.05, 3.49, 4.00
** 495290.329, 3760125.218, 701.08, 3.49, 4.00
** 495233.738, 3760244.531, 705.17, 3.49, 4.00
** 495219.591, 3760280.371, 706.00, 3.49, 4.00
** 495198.841, 3760346.866, 708.66, 3.49, 4.00
** 495175.261, 3760411.473, 712.49, 3.49, 4.00
** 495165.829, 3760440.712, 714.47, 3.49, 4.00
** 495150.738, 3760491.644, 717.12, 3.49, 4.00
** 495134.704, 3760531.729, 719.55, 3.49, 4.00
** 495111.125, 3760577.945, 720.10, 3.49, 4.00
** 495055.949, 3760678.393, 719.90, 3.49, 4.00
** 495036.142, 3760709.990, 720.45, 3.49, 4.00
** 494979.551, 3760807.609, 719.87, 3.49, 4.00
** 494952.671, 3760858.540, 718.53, 3.49, 4.00
** 494931.449, 3760899.569, 710.33, 3.49, 4.00
** 494918.716, 3760925.978, 709.99, 3.49, 4.00
** 494905.983, 3760953.802, 709.70, 3.49, 4.00
** 494880.517, 3761012.750, 710.55, 3.49, 4.00
** 494840.904, 3761121.687, 715.98, 3.49, 4.00
** 494815.910, 3761181.579, 718.04, 3.49, 4.00
** 494798.932, 3761207.517, 719.00, 3.49, 4.00
** 494783.370, 3761217.420, 720.36, 3.49, 4.00
** 494772.052, 3761224.022, 721.60, 3.49, 4.00
** 494764.035, 3761294.289, 722.24, 3.49, 4.00
** 494748.944, 3761342.391, 730.58, 3.49, 4.00
** 494705.086, 3761455.101, 733.00, 3.49, 4.00
** 494644.251, 3761609.311, 732.91, 3.49, 4.00
** 494598.507, 3761722.493, 733.94, 3.49, 4.00

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LOCATION L0007302      VOLUME  495621.267 3759885.568 703.98
LOCATION L0007303      VOLUME  495619.146 3759893.892 704.11
LOCATION L0007304      VOLUME  495617.024 3759902.216 704.30
LOCATION L0007305      VOLUME  495612.395 3759909.070 704.66
LOCATION L0007306      VOLUME  495606.202 3759915.021 704.96
LOCATION L0007307      VOLUME  495600.336 3759921.296 705.00
LOCATION L0007308      VOLUME  495594.470 3759927.571 705.23
LOCATION L0007309      VOLUME  495588.604 3759933.846 705.69
LOCATION L0007310      VOLUME  495581.641 3759938.691 706.41
LOCATION L0007311      VOLUME  495574.059 3759942.729 706.79
LOCATION L0007312      VOLUME  495566.477 3759946.766 707.00
LOCATION L0007313      VOLUME  495558.895 3759950.803 707.00
LOCATION L0007314      VOLUME  495551.313 3759954.840 707.00
LOCATION L0007315      VOLUME  495543.441 3759958.268 706.86
LOCATION L0007316      VOLUME  495535.519 3759961.588 706.76
LOCATION L0007317      VOLUME  495527.596 3759964.908 706.71
LOCATION L0007318      VOLUME  495519.674 3759968.228 706.73
LOCATION L0007319      VOLUME  495511.751 3759971.547 706.85
LOCATION L0007320      VOLUME  495503.829 3759974.867 706.96

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LOCATION	L0007321	VOLUME	495495.564	3759976.971	707.09
LOCATION	L0007322	VOLUME	495487.072	3759978.263	707.30
LOCATION	L0007323	VOLUME	495478.580	3759979.556	707.64
LOCATION	L0007324	VOLUME	495470.088	3759980.848	707.93
LOCATION	L0007325	VOLUME	495461.595	3759982.140	708.17
LOCATION	L0007326	VOLUME	495453.064	3759982.524	707.92
LOCATION	L0007327	VOLUME	495444.492	3759981.965	707.56
LOCATION	L0007328	VOLUME	495435.921	3759981.406	707.22
LOCATION	L0007329	VOLUME	495427.345	3759981.858	707.00
LOCATION	L0007330	VOLUME	495418.769	3759982.353	707.00
LOCATION	L0007331	VOLUME	495410.208	3759982.965	707.00
LOCATION	L0007332	VOLUME	495401.780	3759984.625	707.00
LOCATION	L0007333	VOLUME	495393.352	3759986.285	706.61
LOCATION	L0007334	VOLUME	495384.924	3759987.945	706.17
LOCATION	L0007335	VOLUME	495377.007	3759990.854	705.82
LOCATION	L0007336	VOLUME	495369.833	3759995.579	705.59
LOCATION	L0007337	VOLUME	495362.659	3760000.303	705.03
LOCATION	L0007338	VOLUME	495356.485	3760006.195	704.61
LOCATION	L0007339	VOLUME	495350.714	3760012.558	703.53
LOCATION	L0007340	VOLUME	495344.943	3760018.920	702.54
LOCATION	L0007341	VOLUME	495339.904	3760025.823	701.66
LOCATION	L0007342	VOLUME	495335.527	3760033.214	701.00
LOCATION	L0007343	VOLUME	495331.150	3760040.606	700.79
LOCATION	L0007344	VOLUME	495326.772	3760047.997	700.76
LOCATION	L0007345	VOLUME	495322.395	3760055.388	700.66
LOCATION	L0007346	VOLUME	495318.018	3760062.779	700.48
LOCATION	L0007347	VOLUME	495313.641	3760070.170	700.35
LOCATION	L0007348	VOLUME	495310.250	3760078.059	700.39
LOCATION	L0007349	VOLUME	495306.907	3760085.972	700.47
LOCATION	L0007350	VOLUME	495303.565	3760093.885	700.49
LOCATION	L0007351	VOLUME	495300.222	3760101.798	700.70
LOCATION	L0007352	VOLUME	495296.880	3760109.710	701.00
LOCATION	L0007353	VOLUME	495293.537	3760117.623	701.31
LOCATION	L0007354	VOLUME	495290.181	3760125.530	701.61
LOCATION	L0007355	VOLUME	495286.500	3760133.292	701.12
LOCATION	L0007356	VOLUME	495282.819	3760141.053	700.63
LOCATION	L0007357	VOLUME	495279.137	3760148.814	700.18
LOCATION	L0007358	VOLUME	495275.456	3760156.575	699.85
LOCATION	L0007359	VOLUME	495271.775	3760164.337	700.06
LOCATION	L0007360	VOLUME	495268.094	3760172.098	700.34
LOCATION	L0007361	VOLUME	495264.412	3760179.859	700.68
LOCATION	L0007362	VOLUME	495260.731	3760187.620	701.05
LOCATION	L0007363	VOLUME	495257.050	3760195.381	701.31
LOCATION	L0007364	VOLUME	495253.369	3760203.143	701.56
LOCATION	L0007365	VOLUME	495249.688	3760210.904	701.86
LOCATION	L0007366	VOLUME	495246.006	3760218.665	702.46
LOCATION	L0007367	VOLUME	495242.325	3760226.426	703.22
LOCATION	L0007368	VOLUME	495238.644	3760234.188	703.98
LOCATION	L0007369	VOLUME	495234.963	3760241.949	704.75
LOCATION	L0007370	VOLUME	495231.633	3760249.863	705.25
LOCATION	L0007371	VOLUME	495228.479	3760257.853	705.46
LOCATION	L0007372	VOLUME	495225.325	3760265.843	705.67
LOCATION	L0007373	VOLUME	495222.172	3760273.833	705.88
LOCATION	L0007374	VOLUME	495219.126	3760281.861	706.26
LOCATION	L0007375	VOLUME	495216.567	3760290.061	706.66
LOCATION	L0007376	VOLUME	495214.008	3760298.261	707.00
LOCATION	L0007377	VOLUME	495211.449	3760306.461	707.30
LOCATION	L0007378	VOLUME	495208.890	3760314.661	707.49
LOCATION	L0007379	VOLUME	495206.331	3760322.861	707.73
LOCATION	L0007380	VOLUME	495203.772	3760331.061	708.01
LOCATION	L0007381	VOLUME	495201.214	3760339.261	708.34
LOCATION	L0007382	VOLUME	495198.627	3760347.452	708.72
LOCATION	L0007383	VOLUME	495195.682	3760355.521	709.18
LOCATION	L0007384	VOLUME	495192.737	3760363.590	709.68
LOCATION	L0007385	VOLUME	495189.792	3760371.660	710.24
LOCATION	L0007386	VOLUME	495186.847	3760379.729	710.75

LOCATION	L0007387	VOLUME	495183.901	3760387.799	711.21
LOCATION	L0007388	VOLUME	495180.956	3760395.868	711.62
LOCATION	L0007389	VOLUME	495178.011	3760403.937	711.82
LOCATION	L0007390	VOLUME	495175.087	3760412.014	712.02
LOCATION	L0007391	VOLUME	495172.450	3760420.189	712.20
LOCATION	L0007392	VOLUME	495169.812	3760428.364	712.59
LOCATION	L0007393	VOLUME	495167.175	3760436.539	713.58
LOCATION	L0007394	VOLUME	495164.635	3760444.744	714.57
LOCATION	L0007395	VOLUME	495162.194	3760452.980	715.56
LOCATION	L0007396	VOLUME	495159.754	3760461.216	716.17
LOCATION	L0007397	VOLUME	495157.314	3760469.453	716.49
LOCATION	L0007398	VOLUME	495154.873	3760477.689	716.85
LOCATION	L0007399	VOLUME	495152.433	3760485.925	717.25
LOCATION	L0007400	VOLUME	495149.763	3760494.081	717.79
LOCATION	L0007401	VOLUME	495146.573	3760502.057	718.27
LOCATION	L0007402	VOLUME	495143.383	3760510.032	718.71
LOCATION	L0007403	VOLUME	495140.193	3760518.008	719.06
LOCATION	L0007404	VOLUME	495137.002	3760525.984	719.33
LOCATION	L0007405	VOLUME	495133.613	3760533.869	719.59
LOCATION	L0007406	VOLUME	495129.709	3760541.520	719.83
LOCATION	L0007407	VOLUME	495125.805	3760549.172	719.95
LOCATION	L0007408	VOLUME	495121.901	3760556.824	720.07
LOCATION	L0007409	VOLUME	495117.997	3760564.475	720.20
LOCATION	L0007410	VOLUME	495114.093	3760572.127	720.32
LOCATION	L0007411	VOLUME	495110.134	3760579.749	720.44
LOCATION	L0007412	VOLUME	495105.998	3760587.278	720.56
LOCATION	L0007413	VOLUME	495101.862	3760594.807	720.67
LOCATION	L0007414	VOLUME	495097.727	3760602.336	720.71
LOCATION	L0007415	VOLUME	495093.591	3760609.865	720.58
LOCATION	L0007416	VOLUME	495089.456	3760617.394	720.41
LOCATION	L0007417	VOLUME	495085.320	3760624.923	720.31
LOCATION	L0007418	VOLUME	495081.184	3760632.452	720.28
LOCATION	L0007419	VOLUME	495077.049	3760639.981	720.35
LOCATION	L0007420	VOLUME	495072.913	3760647.509	720.46
LOCATION	L0007421	VOLUME	495068.778	3760655.038	720.54
LOCATION	L0007422	VOLUME	495064.642	3760662.567	720.52
LOCATION	L0007423	VOLUME	495060.506	3760670.096	720.47
LOCATION	L0007424	VOLUME	495056.371	3760677.625	720.45
LOCATION	L0007425	VOLUME	495051.852	3760684.929	720.39
LOCATION	L0007426	VOLUME	495047.289	3760692.207	720.33
LOCATION	L0007427	VOLUME	495042.727	3760699.485	720.27
LOCATION	L0007428	VOLUME	495038.164	3760706.764	720.25
LOCATION	L0007429	VOLUME	495033.744	3760714.127	720.24
LOCATION	L0007430	VOLUME	495029.435	3760721.559	720.17
LOCATION	L0007431	VOLUME	495025.127	3760728.990	720.08
LOCATION	L0007432	VOLUME	495020.819	3760736.422	720.04
LOCATION	L0007433	VOLUME	495016.511	3760743.853	720.00
LOCATION	L0007434	VOLUME	495012.203	3760751.285	719.96
LOCATION	L0007435	VOLUME	495007.895	3760758.716	719.92
LOCATION	L0007436	VOLUME	495003.587	3760766.148	719.88
LOCATION	L0007437	VOLUME	494999.278	3760773.580	719.84
LOCATION	L0007438	VOLUME	494994.970	3760781.011	719.80
LOCATION	L0007439	VOLUME	494990.662	3760788.443	719.74
LOCATION	L0007440	VOLUME	494986.354	3760795.874	719.66
LOCATION	L0007441	VOLUME	494982.046	3760803.306	719.65
LOCATION	L0007442	VOLUME	494977.863	3760810.807	719.71
LOCATION	L0007443	VOLUME	494973.854	3760818.404	719.73
LOCATION	L0007444	VOLUME	494969.844	3760826.001	719.44
LOCATION	L0007445	VOLUME	494965.835	3760833.597	719.22
LOCATION	L0007446	VOLUME	494961.826	3760841.194	719.06
LOCATION	L0007447	VOLUME	494957.816	3760848.791	718.59
LOCATION	L0007448	VOLUME	494953.807	3760856.388	717.34
LOCATION	L0007449	VOLUME	494949.842	3760864.009	715.97
LOCATION	L0007450	VOLUME	494945.896	3760871.638	714.27
LOCATION	L0007451	VOLUME	494941.949	3760879.268	712.91
LOCATION	L0007452	VOLUME	494938.003	3760886.898	711.99

LOCATION	L0007453	VOLUME	494934.057	3760894.528	711.20
LOCATION	L0007454	VOLUME	494930.183	3760902.194	710.55
LOCATION	L0007455	VOLUME	494926.453	3760909.932	710.20
LOCATION	L0007456	VOLUME	494922.722	3760917.669	710.08
LOCATION	L0007457	VOLUME	494918.991	3760925.407	709.95
LOCATION	L0007458	VOLUME	494915.405	3760933.212	709.83
LOCATION	L0007459	VOLUME	494911.831	3760941.023	709.76
LOCATION	L0007460	VOLUME	494908.256	3760948.834	709.77
LOCATION	L0007461	VOLUME	494904.743	3760956.672	709.83
LOCATION	L0007462	VOLUME	494901.336	3760964.558	709.97
LOCATION	L0007463	VOLUME	494897.930	3760972.444	710.05
LOCATION	L0007464	VOLUME	494894.523	3760980.329	710.07
LOCATION	L0007465	VOLUME	494891.117	3760988.215	710.02
LOCATION	L0007466	VOLUME	494887.710	3760996.101	710.00
LOCATION	L0007467	VOLUME	494884.304	3761003.986	710.21
LOCATION	L0007468	VOLUME	494880.897	3761011.872	710.36
LOCATION	L0007469	VOLUME	494877.909	3761019.924	710.46
LOCATION	L0007470	VOLUME	494874.973	3761027.997	710.61
LOCATION	L0007471	VOLUME	494872.038	3761036.070	711.05
LOCATION	L0007472	VOLUME	494869.102	3761044.142	711.49
LOCATION	L0007473	VOLUME	494866.167	3761052.215	711.93
LOCATION	L0007474	VOLUME	494863.231	3761060.288	712.36
LOCATION	L0007475	VOLUME	494860.295	3761068.361	712.81
LOCATION	L0007476	VOLUME	494857.360	3761076.434	713.38
LOCATION	L0007477	VOLUME	494854.424	3761084.506	713.90
LOCATION	L0007478	VOLUME	494851.489	3761092.579	714.43
LOCATION	L0007479	VOLUME	494848.553	3761100.652	714.96
LOCATION	L0007480	VOLUME	494845.618	3761108.725	715.50
LOCATION	L0007481	VOLUME	494842.682	3761116.798	716.01
LOCATION	L0007482	VOLUME	494839.599	3761124.813	716.09
LOCATION	L0007483	VOLUME	494836.291	3761132.741	716.11
LOCATION	L0007484	VOLUME	494832.983	3761140.668	716.07
LOCATION	L0007485	VOLUME	494829.675	3761148.595	716.13
LOCATION	L0007486	VOLUME	494826.366	3761156.523	716.61
LOCATION	L0007487	VOLUME	494823.058	3761164.450	717.09
LOCATION	L0007488	VOLUME	494819.750	3761172.378	717.58
LOCATION	L0007489	VOLUME	494816.442	3761180.305	717.93
LOCATION	L0007490	VOLUME	494811.962	3761187.611	718.23
LOCATION	L0007491	VOLUME	494807.257	3761194.798	718.54
LOCATION	L0007492	VOLUME	494802.553	3761201.986	718.85
LOCATION	L0007493	VOLUME	494797.263	3761208.580	719.21
LOCATION	L0007494	VOLUME	494790.015	3761213.191	719.77
LOCATION	L0007495	VOLUME	494782.754	3761217.780	720.40
LOCATION	L0007496	VOLUME	494775.334	3761222.108	721.11
LOCATION	L0007497	VOLUME	494771.509	3761228.782	721.65
LOCATION	L0007498	VOLUME	494770.535	3761237.316	721.98
LOCATION	L0007499	VOLUME	494769.561	3761245.851	722.06
LOCATION	L0007500	VOLUME	494768.588	3761254.385	722.15
LOCATION	L0007501	VOLUME	494767.614	3761262.920	722.26
LOCATION	L0007502	VOLUME	494766.640	3761271.455	722.41
LOCATION	L0007503	VOLUME	494765.666	3761279.989	722.61
LOCATION	L0007504	VOLUME	494764.693	3761288.524	722.85
LOCATION	L0007505	VOLUME	494763.200	3761296.949	723.26
LOCATION	L0007506	VOLUME	494760.629	3761305.145	724.42
LOCATION	L0007507	VOLUME	494758.058	3761313.341	725.53
LOCATION	L0007508	VOLUME	494755.486	3761321.537	726.59
LOCATION	L0007509	VOLUME	494752.915	3761329.733	727.81
LOCATION	L0007510	VOLUME	494750.344	3761337.929	729.10
LOCATION	L0007511	VOLUME	494747.525	3761346.039	730.16
LOCATION	L0007512	VOLUME	494744.410	3761354.044	730.94
LOCATION	L0007513	VOLUME	494741.295	3761362.049	731.23
LOCATION	L0007514	VOLUME	494738.180	3761370.054	731.50
LOCATION	L0007515	VOLUME	494735.065	3761378.060	731.78
LOCATION	L0007516	VOLUME	494731.950	3761386.065	732.00
LOCATION	L0007517	VOLUME	494728.835	3761394.070	732.36
LOCATION	L0007518	VOLUME	494725.720	3761402.076	732.79

LOCATION	VOLUME				
L0007519	494722.605	3761410.081	733.27		
L0007520	494719.490	3761418.086	733.67		
L0007521	494716.374	3761426.091	733.60		
L0007522	494713.259	3761434.097	733.42		
L0007523	494710.144	3761442.102	733.13		
L0007524	494707.029	3761450.107	732.90		
L0007525	494703.900	3761458.107	732.87		
L0007526	494700.748	3761466.098	732.89		
L0007527	494697.596	3761474.089	732.97		
L0007528	494694.443	3761482.079	733.00		
L0007529	494691.291	3761490.070	733.00		
L0007530	494688.139	3761498.061	733.00		
L0007531	494684.987	3761506.051	733.00		
L0007532	494681.834	3761514.042	733.01		
L0007533	494678.682	3761522.033	732.94		
L0007534	494675.530	3761530.023	732.84		
L0007535	494672.377	3761538.014	732.75		
L0007536	494669.225	3761546.005	732.75		
L0007537	494666.073	3761553.995	732.81		
L0007538	494662.921	3761561.986	732.92		
L0007539	494659.768	3761569.977	733.04		
L0007540	494656.616	3761577.968	733.08		
L0007541	494653.464	3761585.958	733.07		
L0007542	494650.311	3761593.949	733.00		
L0007543	494647.159	3761601.940	732.91		
L0007544	494644.002	3761609.928	732.89		
L0007545	494640.783	3761617.892	732.91		
L0007546	494637.564	3761625.856	733.00		
L0007547	494634.345	3761633.821	733.00		
L0007548	494631.126	3761641.785	733.00		
L0007549	494627.908	3761649.749	733.00		
L0007550	494624.689	3761657.713	733.05		
L0007551	494621.470	3761665.677	733.32		
L0007552	494618.251	3761673.641	733.54		
L0007553	494615.032	3761681.605	733.70		
L0007554	494611.813	3761689.569	733.75		
L0007555	494608.595	3761697.534	733.76		
L0007556	494605.376	3761705.498	733.82		
L0007557	494602.157	3761713.462	733.94		
L0007558	494598.938	3761721.426	734.17		

\*\* End of LINE VOLUME Source ID = SLINE39

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\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE29

\*\* DESCRSRC WH Calimesa 30%

\*\* PREFIX

\*\* Length of Side = 14.00

\*\* Configuration = Adjacent

\*\* Emission Rate = 0.00002543

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 15

\*\* 496200.060, 3759159.450, 695.00, 3.49, 6.51

\*\* 496279.562, 3759090.788, 695.00, 3.49, 6.51

\*\* 496372.616, 3759001.348, 695.74, 3.49, 6.51

\*\* 496489.159, 3758899.260, 702.21, 3.49, 6.51

\*\* 496545.173, 3758852.281, 704.57, 3.49, 6.51

\*\* 496588.537, 3758820.661, 704.93, 3.49, 6.51

\*\* 496617.775, 3758802.663, 705.14, 3.49, 6.51

\*\* 496654.089, 3758784.742, 705.25, 3.49, 6.51

\*\* 496722.000, 3758762.576, 705.92, 3.49, 6.51

\*\* 496799.816, 3758744.183, 706.69, 3.49, 6.51

\*\* 496826.226, 3758736.166, 706.94, 3.49, 6.51

\*\* 496857.352, 3758712.114, 708.39, 3.49, 6.51

\*\* 496875.273, 3758688.533, 709.02, 3.49, 6.51

\*\* 496880.461, 3758668.254, 710.50, 3.49, 6.51



\*\* 496880.461, 3758665.425, 710.46, 3.49, 6.51

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LOCATION	L0007559	VOLUME	496205.358	3759154.874	695.00
LOCATION	L0007560	VOLUME	496215.953	3759145.724	695.00
LOCATION	L0007561	VOLUME	496226.549	3759136.573	695.00
LOCATION	L0007562	VOLUME	496237.144	3759127.422	695.00
LOCATION	L0007563	VOLUME	496247.740	3759118.272	695.00
LOCATION	L0007564	VOLUME	496258.335	3759109.121	695.00
LOCATION	L0007565	VOLUME	496268.931	3759099.970	695.00
LOCATION	L0007566	VOLUME	496279.526	3759090.820	695.00
LOCATION	L0007567	VOLUME	496289.622	3759081.120	695.00
LOCATION	L0007568	VOLUME	496299.715	3759071.418	695.00
LOCATION	L0007569	VOLUME	496309.809	3759061.717	695.00
LOCATION	L0007570	VOLUME	496319.902	3759052.015	695.00
LOCATION	L0007571	VOLUME	496329.996	3759042.314	695.13
LOCATION	L0007572	VOLUME	496340.089	3759032.612	695.31
LOCATION	L0007573	VOLUME	496350.183	3759022.910	695.27
LOCATION	L0007574	VOLUME	496360.276	3759013.209	695.20
LOCATION	L0007575	VOLUME	496370.370	3759003.507	695.71
LOCATION	L0007576	VOLUME	496380.804	3758994.176	695.97
LOCATION	L0007577	VOLUME	496391.335	3758984.952	696.12
LOCATION	L0007578	VOLUME	496401.866	3758975.727	697.05
LOCATION	L0007579	VOLUME	496412.397	3758966.502	697.97
LOCATION	L0007580	VOLUME	496422.928	3758957.277	698.81
LOCATION	L0007581	VOLUME	496433.459	3758948.052	698.95
LOCATION	L0007582	VOLUME	496443.990	3758938.827	699.25
LOCATION	L0007583	VOLUME	496454.521	3758929.603	699.91
LOCATION	L0007584	VOLUME	496465.052	3758920.378	700.88
LOCATION	L0007585	VOLUME	496475.583	3758911.153	701.50
LOCATION	L0007586	VOLUME	496486.114	3758901.928	701.81
LOCATION	L0007587	VOLUME	496496.784	3758892.865	702.27
LOCATION	L0007588	VOLUME	496507.511	3758883.869	702.86
LOCATION	L0007589	VOLUME	496518.237	3758874.872	703.50
LOCATION	L0007590	VOLUME	496528.964	3758865.876	704.02
LOCATION	L0007591	VOLUME	496539.691	3758856.879	704.63
LOCATION	L0007592	VOLUME	496550.703	3758848.248	704.85
LOCATION	L0007593	VOLUME	496562.016	3758840.000	705.03
LOCATION	L0007594	VOLUME	496573.328	3758831.752	705.05
LOCATION	L0007595	VOLUME	496584.640	3758823.503	704.95
LOCATION	L0007596	VOLUME	496596.352	3758815.851	704.81
LOCATION	L0007597	VOLUME	496608.274	3758808.511	704.94
LOCATION	L0007598	VOLUME	496620.324	3758801.404	705.16
LOCATION	L0007599	VOLUME	496632.879	3758795.209	705.34
LOCATION	L0007600	VOLUME	496645.433	3758789.013	705.29
LOCATION	L0007601	VOLUME	496658.222	3758783.393	705.06
LOCATION	L0007602	VOLUME	496671.531	3758779.049	705.00
LOCATION	L0007603	VOLUME	496684.840	3758774.705	705.06
LOCATION	L0007604	VOLUME	496698.149	3758770.361	705.40
LOCATION	L0007605	VOLUME	496711.458	3758766.017	705.80
LOCATION	L0007606	VOLUME	496724.833	3758761.906	706.00
LOCATION	L0007607	VOLUME	496738.457	3758758.686	706.00
LOCATION	L0007608	VOLUME	496752.082	3758755.466	706.02
LOCATION	L0007609	VOLUME	496765.706	3758752.245	706.10
LOCATION	L0007610	VOLUME	496779.331	3758749.025	706.09
LOCATION	L0007611	VOLUME	496792.956	3758745.805	706.42
LOCATION	L0007612	VOLUME	496806.467	3758742.164	706.87
LOCATION	L0007613	VOLUME	496819.863	3758738.097	707.08
LOCATION	L0007614	VOLUME	496832.042	3758731.671	707.35
LOCATION	L0007615	VOLUME	496843.120	3758723.111	707.88
LOCATION	L0007616	VOLUME	496854.198	3758714.551	708.43
LOCATION	L0007617	VOLUME	496863.412	3758704.141	708.67
LOCATION	L0007618	VOLUME	496871.883	3758692.994	709.05
LOCATION	L0007619	VOLUME	496877.354	3758680.399	709.42
LOCATION	L0007620	VOLUME	496880.461	3758666.790	709.98

\*\* End of LINE VOLUME Source ID = SLINE29

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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE30
** DESCRSRC WH CV 4% E
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 1.248E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 496880.776, 3758659.964, 710.41, 3.49, 4.00
** 497198.031, 3758669.847, 720.98, 3.49, 4.00

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LOCATION	VOLUME	496885.069	3758660.098	710.36
LOCATION L0007621	VOLUME	496885.069	3758660.098	710.36
LOCATION L0007622	VOLUME	496893.654	3758660.366	710.63
LOCATION L0007623	VOLUME	496902.240	3758660.633	710.91
LOCATION L0007624	VOLUME	496910.826	3758660.900	711.19
LOCATION L0007625	VOLUME	496919.412	3758661.168	711.46
LOCATION L0007626	VOLUME	496927.998	3758661.435	711.74
LOCATION L0007627	VOLUME	496936.584	3758661.703	712.02
LOCATION L0007628	VOLUME	496945.169	3758661.970	712.30
LOCATION L0007629	VOLUME	496953.755	3758662.238	712.57
LOCATION L0007630	VOLUME	496962.341	3758662.505	712.86
LOCATION L0007631	VOLUME	496970.927	3758662.773	713.21
LOCATION L0007632	VOLUME	496979.513	3758663.040	713.55
LOCATION L0007633	VOLUME	496988.099	3758663.307	713.90
LOCATION L0007634	VOLUME	496996.684	3758663.575	714.21
LOCATION L0007635	VOLUME	497005.270	3758663.842	714.49
LOCATION L0007636	VOLUME	497013.856	3758664.110	714.78
LOCATION L0007637	VOLUME	497022.442	3758664.377	715.07
LOCATION L0007638	VOLUME	497031.028	3758664.645	715.35
LOCATION L0007639	VOLUME	497039.614	3758664.912	715.64
LOCATION L0007640	VOLUME	497048.200	3758665.180	715.92
LOCATION L0007641	VOLUME	497056.785	3758665.447	716.49
LOCATION L0007642	VOLUME	497065.371	3758665.714	717.15
LOCATION L0007643	VOLUME	497073.957	3758665.982	717.82
LOCATION L0007644	VOLUME	497082.543	3758666.249	718.34
LOCATION L0007645	VOLUME	497091.129	3758666.517	718.35
LOCATION L0007646	VOLUME	497099.715	3758666.784	718.35
LOCATION L0007647	VOLUME	497108.300	3758667.052	718.36
LOCATION L0007648	VOLUME	497116.886	3758667.319	718.37
LOCATION L0007649	VOLUME	497125.472	3758667.586	718.38
LOCATION L0007650	VOLUME	497134.058	3758667.854	718.39
LOCATION L0007651	VOLUME	497142.644	3758668.121	718.47
LOCATION L0007652	VOLUME	497151.230	3758668.389	718.77
LOCATION L0007653	VOLUME	497159.815	3758668.656	719.06
LOCATION L0007654	VOLUME	497168.401	3758668.924	719.36
LOCATION L0007655	VOLUME	497176.987	3758669.191	719.87
LOCATION L0007656	VOLUME	497185.573	3758669.459	720.45
LOCATION L0007657	VOLUME	497194.159	3758669.726	721.03

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** End of LINE VOLUME Source ID = SLINE30

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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE31
** DESCRSRC WH CV 26%
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 6.76E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 11
** 496876.686, 3758658.601, 710.18, 3.49, 4.00
** 496843.973, 3758657.920, 710.15, 3.49, 4.00
** 496810.918, 3758655.875, 716.00, 3.49, 4.00
** 496786.042, 3758654.171, 716.11, 3.49, 4.00

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\*\* 496756.736, 3758649.401, 716.37, 3.49, 4.00  
\*\* 496729.134, 3758643.607, 716.19, 3.49, 4.00  
\*\* 496704.939, 3758634.407, 717.30, 3.49, 4.00  
\*\* 496687.560, 3758627.591, 716.04, 3.49, 4.00  
\*\* 496663.706, 3758614.983, 717.34, 3.49, 4.00  
\*\* 496640.875, 3758599.989, 718.95, 3.49, 4.00  
\*\* 496626.562, 3758590.788, 718.95, 3.49, 4.00

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\*\*  
LOCATION L0007658        VOLUME    496872.392 3758658.512 709.99  
LOCATION L0007659        VOLUME    496863.804 3758658.333 709.90  
LOCATION L0007660        VOLUME    496855.216 3758658.154 709.87  
LOCATION L0007661        VOLUME    496846.628 3758657.975 709.84  
LOCATION L0007662        VOLUME    496838.050 3758657.553 710.33  
LOCATION L0007663        VOLUME    496829.476 3758657.023 712.06  
LOCATION L0007664        VOLUME    496820.903 3758656.493 713.85  
LOCATION L0007665        VOLUME    496812.329 3758655.962 715.65  
LOCATION L0007666        VOLUME    496803.759 3758655.385 716.08  
LOCATION L0007667        VOLUME    496795.189 3758654.798 716.14  
LOCATION L0007668        VOLUME    496786.619 3758654.211 716.20  
LOCATION L0007669        VOLUME    496778.134 3758652.884 716.34  
LOCATION L0007670        VOLUME    496769.656 3758651.504 716.52  
LOCATION L0007671        VOLUME    496761.177 3758650.124 716.73  
LOCATION L0007672        VOLUME    496752.733 3758648.560 717.00  
LOCATION L0007673        VOLUME    496744.326 3758646.796 717.05  
LOCATION L0007674        VOLUME    496735.919 3758645.032 717.00  
LOCATION L0007675        VOLUME    496727.585 3758643.019 716.99  
LOCATION L0007676        VOLUME    496719.556 3758639.965 717.08  
LOCATION L0007677        VOLUME    496711.527 3758636.912 716.78  
LOCATION L0007678        VOLUME    496703.504 3758633.844 716.43  
LOCATION L0007679        VOLUME    496695.507 3758630.708 716.03  
LOCATION L0007680        VOLUME    496687.512 3758627.566 715.96  
LOCATION L0007681        VOLUME    496679.918 3758623.552 716.41  
LOCATION L0007682        VOLUME    496672.324 3758619.538 716.87  
LOCATION L0007683        VOLUME    496664.729 3758615.524 717.47  
LOCATION L0007684        VOLUME    496657.493 3758610.903 718.02  
LOCATION L0007685        VOLUME    496650.313 3758606.188 718.33  
LOCATION L0007686        VOLUME    496643.133 3758601.472 718.65  
LOCATION L0007687        VOLUME    496635.922 3758596.805 718.96  
LOCATION L0007688        VOLUME    496628.696 3758592.160 718.96

\*\* End of LINE VOLUME Source ID = SLINE31

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\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE32

\*\* DESCRSRC WH CV 4% W

\*\* PREFIX

\*\* Length of Side = 14.00

\*\* Configuration = Adjacent

\*\* Emission Rate = 1.592E-06

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 13

\*\* 496623.836, 3758588.403, 718.89, 3.49, 6.51  
\*\* 496583.285, 3758550.578, 719.65, 3.49, 6.51  
\*\* 496561.135, 3758527.746, 719.11, 3.49, 6.51  
\*\* 496542.733, 3758506.618, 718.99, 3.49, 6.51  
\*\* 496529.443, 3758486.172, 718.07, 3.49, 6.51  
\*\* 496501.159, 3758445.280, 719.00, 3.49, 6.51  
\*\* 496485.143, 3758416.996, 719.00, 3.49, 6.51  
\*\* 496475.602, 3758400.639, 719.00, 3.49, 6.51  
\*\* 496467.764, 3758376.104, 719.75, 3.49, 6.51  
\*\* 496462.993, 3758355.999, 721.68, 3.49, 6.51  
\*\* 496457.200, 3758324.989, 719.00, 3.49, 6.51  
\*\* 496454.133, 3758299.090, 719.00, 3.49, 6.51  
\*\* 496448.340, 3758239.456, 718.01, 3.49, 6.51

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LOCATION L0007689        VOLUME    496618.717 3758583.628 718.94

LOCATION	VOLUME				
L0007690	496608.480	3758574.079	719.35		
L0007691	496598.242	3758564.529	720.05		
L0007692	496588.004	3758554.980	720.06		
L0007693	496578.031	3758545.162	719.65		
L0007694	496568.282	3758535.113	719.00		
L0007695	496558.681	3758524.929	719.00		
L0007696	496549.487	3758514.372	719.00		
L0007697	496540.707	3758503.501	718.91		
L0007698	496533.077	3758491.763	718.52		
L0007699	496525.273	3758480.142	718.13		
L0007700	496517.309	3758468.628	718.25		
L0007701	496509.345	3758457.114	718.64		
L0007702	496501.381	3758445.600	719.00		
L0007703	496494.453	3758433.436	719.00		
L0007704	496487.554	3758421.254	719.00		
L0007705	496480.554	3758409.129	719.00		
L0007706	496474.333	3758396.666	719.13		
L0007707	496470.072	3758383.330	719.69		
L0007708	496466.283	3758369.863	721.16		
L0007709	496463.051	3758356.241	722.25		
L0007710	496460.468	3758342.482	720.63		
L0007711	496457.897	3758328.720	719.23		
L0007712	496456.000	3758314.855	719.00		
L0007713	496454.354	3758300.953	719.00		
L0007714	496452.961	3758287.022	719.00		
L0007715	496451.607	3758273.088	719.00		
L0007716	496450.254	3758259.154	718.77		
L0007717	496448.900	3758245.219	718.30		

\*\* End of LINE VOLUME Source ID = SLINE32

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\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE33

\*\* DESCRSRC WH Calimesa 15%

\*\* PREFIX

\*\* Length of Side = 14.00

\*\* Configuration = Adjacent

\*\* Emission Rate = 5.433E-06

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 8

\*\* 496200.805, 3759159.545, 695.00, 3.49, 6.51

\*\* 496161.184, 3759190.205, 695.00, 3.49, 6.51

\*\* 496135.713, 3759209.544, 695.00, 3.49, 6.51

\*\* 496110.242, 3759226.524, 695.00, 3.49, 6.51

\*\* 496067.318, 3759251.524, 695.00, 3.49, 6.51

\*\* 496015.905, 3759278.882, 694.15, 3.49, 6.51

\*\* 495938.548, 3759320.862, 694.96, 3.49, 6.51

\*\* 495885.719, 3759349.163, 695.00, 3.49, 6.51

\*\* -----

LOCATION	VOLUME				
L0007718	496195.269	3759163.829	695.00		
L0007719	496184.197	3759172.397	695.00		
L0007720	496173.125	3759180.965	695.00		
L0007721	496162.053	3759189.532	695.00		
L0007722	496150.909	3759198.006	695.00		
L0007723	496139.758	3759206.472	695.00		
L0007724	496128.290	3759214.492	695.00		
L0007725	496116.642	3759222.258	695.00		
L0007726	496104.791	3759229.699	695.00		
L0007727	496092.693	3759236.745	695.00		
L0007728	496080.595	3759243.791	695.00		
L0007729	496068.498	3759250.837	695.00		
L0007730	496056.164	3759257.459	694.96		
L0007731	496043.805	3759264.036	694.74		
L0007732	496031.445	3759270.612	694.52		
L0007733	496019.086	3759277.189	694.30		
L0007734	496006.767	3759283.840	694.08		

LOCATION L0007735	VOLUME	495994.462	3759290.518	694.00
LOCATION L0007736	VOLUME	495982.158	3759297.195	694.00
LOCATION L0007737	VOLUME	495969.853	3759303.873	694.01
LOCATION L0007738	VOLUME	495957.548	3759310.551	694.35
LOCATION L0007739	VOLUME	495945.243	3759317.228	694.81
LOCATION L0007740	VOLUME	495932.922	3759323.876	694.81
LOCATION L0007741	VOLUME	495920.581	3759330.487	694.84
LOCATION L0007742	VOLUME	495908.240	3759337.098	695.00
LOCATION L0007743	VOLUME	495895.900	3759343.709	695.00

\*\* End of LINE VOLUME Source ID = SLINE33

\*\* -----

\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE34

\*\* DESCRSRC WH Calimesa 35%

\*\* PREFIX

\*\* Length of Side = 14.00

\*\* Configuration = Adjacent

\*\* Emission Rate = 5.15E-06

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 5

\*\* 495884.558, 3759350.234, 695.00, 3.49, 6.51

\*\* 495863.332, 3759362.970, 695.00, 3.49, 6.51

\*\* 495815.690, 3759393.159, 695.00, 3.49, 6.51

\*\* 495781.727, 3759414.857, 695.19, 3.49, 6.51

\*\* 495758.142, 3759430.423, 696.04, 3.49, 6.51

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LOCATION L0007744	VOLUME	495878.556	3759353.835	695.00
LOCATION L0007745	VOLUME	495866.551	3759361.038	695.00
LOCATION L0007746	VOLUME	495854.677	3759368.454	695.00
LOCATION L0007747	VOLUME	495842.851	3759375.947	695.00
LOCATION L0007748	VOLUME	495831.026	3759383.441	695.00
LOCATION L0007749	VOLUME	495819.200	3759390.934	695.00
LOCATION L0007750	VOLUME	495807.394	3759398.459	695.00
LOCATION L0007751	VOLUME	495795.596	3759405.996	695.00
LOCATION L0007752	VOLUME	495783.798	3759413.534	695.41
LOCATION L0007753	VOLUME	495772.094	3759421.215	695.81
LOCATION L0007754	VOLUME	495760.409	3759428.927	696.00

\*\* End of LINE VOLUME Source ID = SLINE34

\*\* -----

\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE35

\*\* DESCRSRC WH Calimesa 70%

\*\* PREFIX

\*\* Length of Side = 14.00

\*\* Configuration = Adjacent

\*\* Emission Rate = 0.00003446

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 20

\*\* 495756.256, 3759432.310, 696.04, 3.49, 6.51

\*\* 495725.595, 3759454.480, 697.56, 3.49, 6.51

\*\* 495689.746, 3759483.725, 696.75, 3.49, 6.51

\*\* 495663.802, 3759506.367, 696.78, 3.49, 6.51

\*\* 495646.350, 3759525.235, 697.02, 3.49, 6.51

\*\* 495627.953, 3759547.405, 697.80, 3.49, 6.51

\*\* 495611.444, 3759569.574, 697.83, 3.49, 6.51

\*\* 495600.595, 3759597.405, 698.00, 3.49, 6.51

\*\* 495593.991, 3759614.858, 698.35, 3.49, 6.51

\*\* 495586.915, 3759646.933, 698.96, 3.49, 6.51

\*\* 495584.557, 3759664.386, 699.11, 3.49, 6.51

\*\* 495588.802, 3759686.556, 699.20, 3.49, 6.51

\*\* 495593.519, 3759705.896, 699.91, 3.49, 6.51

\*\* 495607.670, 3759740.330, 700.93, 3.49, 6.51

\*\* 495616.161, 3759761.085, 701.08, 3.49, 6.51

\*\* 495622.765, 3759773.349, 701.31, 3.49, 6.51

\*\* 495627.482, 3759793.160, 701.86, 3.49, 6.51  
\*\* 495633.614, 3759817.689, 702.85, 3.49, 6.51  
\*\* 495632.670, 3759837.500, 702.93, 3.49, 6.51  
\*\* 495629.368, 3759856.840, 703.00, 3.49, 6.51

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LOCATION L0007755 VOLUME 495750.583 3759436.411 696.34  
LOCATION L0007756 VOLUME 495739.238 3759444.615 696.99  
LOCATION L0007757 VOLUME 495727.893 3759452.818 697.47  
LOCATION L0007758 VOLUME 495716.945 3759461.537 697.40  
LOCATION L0007759 VOLUME 495706.097 3759470.386 697.16  
LOCATION L0007760 VOLUME 495695.248 3759479.236 696.90  
LOCATION L0007761 VOLUME 495684.548 3759488.261 696.86  
LOCATION L0007762 VOLUME 495674.000 3759497.467 697.04  
LOCATION L0007763 VOLUME 495663.487 3759506.708 697.12  
LOCATION L0007764 VOLUME 495653.980 3759516.985 697.15  
LOCATION L0007765 VOLUME 495644.586 3759527.361 697.17  
LOCATION L0007766 VOLUME 495635.646 3759538.134 697.40  
LOCATION L0007767 VOLUME 495626.786 3759548.972 697.76  
LOCATION L0007768 VOLUME 495618.424 3759560.200 698.00  
LOCATION L0007769 VOLUME 495610.604 3759571.729 698.00  
LOCATION L0007770 VOLUME 495605.519 3759584.773 697.99  
LOCATION L0007771 VOLUME 495600.438 3759597.818 698.26  
LOCATION L0007772 VOLUME 495595.484 3759610.912 698.41  
LOCATION L0007773 VOLUME 495591.884 3759624.410 698.55  
LOCATION L0007774 VOLUME 495588.868 3759638.081 698.81  
LOCATION L0007775 VOLUME 495586.255 3759651.824 699.04  
LOCATION L0007776 VOLUME 495584.806 3759665.686 699.10  
LOCATION L0007777 VOLUME 495587.439 3759679.436 699.32  
LOCATION L0007778 VOLUME 495590.402 3759693.114 699.71  
LOCATION L0007779 VOLUME 495593.840 3759706.676 700.01  
LOCATION L0007780 VOLUME 495599.162 3759719.625 700.28  
LOCATION L0007781 VOLUME 495604.483 3759732.575 700.71  
LOCATION L0007782 VOLUME 495609.796 3759745.527 700.99  
LOCATION L0007783 VOLUME 495615.097 3759758.485 701.08  
LOCATION L0007784 VOLUME 495621.466 3759770.938 701.47  
LOCATION L0007785 VOLUME 495625.373 3759784.305 701.80  
LOCATION L0007786 VOLUME 495628.669 3759797.911 702.06  
LOCATION L0007787 VOLUME 495632.065 3759811.493 702.51  
LOCATION L0007788 VOLUME 495633.252 3759825.293 702.97  
LOCATION L0007789 VOLUME 495632.371 3759839.254 703.00  
LOCATION L0007790 VOLUME 495630.015 3759853.055 703.00

\*\* End of LINE VOLUME Source ID = SLINE35

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\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE38

\*\* DESCRSRC WH Singleton 4% W

\*\* PREFIX

\*\* Length of Side = 8.59

\*\* Configuration = Adjacent

\*\* Emission Rate = 1.406E-06

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 6

\*\* 495278.383, 3759818.731, 695.99, 3.49, 4.00

\*\* 495199.711, 3759801.721, 693.66, 3.49, 4.00

\*\* 495164.628, 3759785.774, 690.72, 3.49, 4.00

\*\* 495130.607, 3759764.512, 687.00, 3.49, 4.00

\*\* 495107.219, 3759743.249, 685.02, 3.49, 4.00

\*\* 494992.400, 3759622.052, 679.30, 3.49, 4.00

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LOCATION L0007791 VOLUME 495274.185 3759817.824 695.79  
LOCATION L0007792 VOLUME 495265.789 3759816.008 695.51  
LOCATION L0007793 VOLUME 495257.393 3759814.193 695.23  
LOCATION L0007794 VOLUME 495248.997 3759812.378 694.98  
LOCATION L0007795 VOLUME 495240.601 3759810.562 694.83  
LOCATION L0007796 VOLUME 495232.205 3759808.747 694.65

LOCATION	VOLUME			
L0007797	495223.809	3759806.931	694.43	
L0007798	495215.413	3759805.116	694.25	
L0007799	495207.017	3759803.301	694.13	
L0007800	495198.695	3759801.260	694.05	
L0007801	495190.875	3759797.705	694.00	
L0007802	495183.055	3759794.150	693.08	
L0007803	495175.235	3759790.596	692.02	
L0007804	495167.415	3759787.041	691.02	
L0007805	495159.940	3759782.844	690.07	
L0007806	495152.656	3759778.292	689.19	
L0007807	495145.371	3759773.739	688.38	
L0007808	495138.087	3759769.186	687.64	
L0007809	495130.803	3759764.634	686.98	
L0007810	495124.422	3759758.888	686.56	
L0007811	495118.066	3759753.110	686.15	
L0007812	495111.710	3759747.332	685.75	
L0007813	495105.485	3759741.419	685.34	
L0007814	495099.577	3759735.183	684.94	
L0007815	495093.670	3759728.947	684.53	
L0007816	495087.762	3759722.711	684.13	
L0007817	495081.854	3759716.475	683.72	
L0007818	495075.946	3759710.240	683.32	
L0007819	495070.039	3759704.004	682.93	
L0007820	495064.131	3759697.768	682.72	
L0007821	495058.223	3759691.532	682.51	
L0007822	495052.316	3759685.296	682.30	
L0007823	495046.408	3759679.060	682.10	
L0007824	495040.500	3759672.824	681.89	
L0007825	495034.592	3759666.588	681.68	
L0007826	495028.685	3759660.352	681.47	
L0007827	495022.777	3759654.116	681.26	
L0007828	495016.869	3759647.880	681.06	
L0007829	495010.961	3759641.644	680.85	
L0007830	495005.054	3759635.408	680.46	
L0007831	494999.146	3759629.172	680.06	
L0007832	494993.238	3759622.936	679.65	

\*\* End of LINE VOLUME Source ID = SLINE38

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\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE40

\*\* DESCRSRC TTP 1 Idle 127

\*\* PREFIX

\*\* Length of Side = 8.59

\*\* Configuration = Adjacent

\*\* Emission Rate = 4.072E-06

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 8

\*\* 495729.226, 3759728.593, 701.90, 3.49, 4.00

\*\* 495807.496, 3759740.846, 702.88, 3.49, 4.00

\*\* 495814.848, 3759745.748, 703.01, 3.49, 4.00

\*\* 495824.191, 3759765.047, 703.98, 3.49, 4.00

\*\* 495832.769, 3759764.128, 703.90, 3.49, 4.00

\*\* 495835.985, 3759772.093, 703.93, 3.49, 4.00

\*\* 496046.594, 3759674.217, 703.95, 3.49, 4.00

\*\* 496070.794, 3759729.665, 705.13, 3.49, 4.00

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LOCATION	VOLUME			
L0007833	495733.469	3759729.257	701.79	
L0007834	495741.956	3759730.586	701.89	
L0007835	495750.442	3759731.914	701.95	
L0007836	495758.929	3759733.243	702.00	
L0007837	495767.416	3759734.571	702.22	
L0007838	495775.902	3759735.900	702.51	
L0007839	495784.389	3759737.229	702.83	
L0007840	495792.876	3759738.557	703.08	
L0007841	495801.362	3759739.886	703.12	

LOCATION	VOLUME				
L0007842	495809.477	3759742.167	703.20		
L0007843	495815.778	3759747.670	703.38		
L0007844	495819.521	3759755.402	703.64		
L0007845	495823.265	3759763.133	703.91		
L0007846	495830.618	3759764.358	703.96		
L0007847	495835.175	3759770.087	704.13		
L0007848	495841.814	3759769.384	704.11		
L0007849	495849.604	3759765.764	704.00		
L0007850	495857.393	3759762.144	704.20		
L0007851	495865.183	3759758.524	704.37		
L0007852	495872.973	3759754.904	704.47		
L0007853	495880.763	3759751.283	704.50		
L0007854	495888.553	3759747.663	704.38		
L0007855	495896.343	3759744.043	704.26		
L0007856	495904.133	3759740.423	704.14		
L0007857	495911.923	3759736.803	704.07		
L0007858	495919.713	3759733.182	704.28		
L0007859	495927.502	3759729.562	704.44		
L0007860	495935.292	3759725.942	704.55		
L0007861	495943.082	3759722.322	704.54		
L0007862	495950.872	3759718.702	704.42		
L0007863	495958.662	3759715.082	704.30		
L0007864	495966.452	3759711.461	704.18		
L0007865	495974.242	3759707.841	704.06		
L0007866	495982.032	3759704.221	703.93		
L0007867	495989.822	3759700.601	703.81		
L0007868	495997.612	3759696.981	703.69		
L0007869	496005.401	3759693.361	703.64		
L0007870	496013.191	3759689.740	703.69		
L0007871	496020.981	3759686.120	703.79		
L0007872	496028.771	3759682.500	703.96		
L0007873	496036.561	3759678.880	704.00		
L0007874	496044.351	3759675.260	704.00		
L0007875	496049.041	3759679.824	704.00		
L0007876	496052.477	3759687.696	704.00		
L0007877	496055.913	3759695.569	704.00		
L0007878	496059.349	3759703.442	704.00		
L0007879	496062.785	3759711.315	704.18		
L0007880	496066.221	3759719.188	704.52		
L0007881	496069.658	3759727.060	704.91		

\*\* End of LINE VOLUME Source ID = SLINE40

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\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE41

\*\* DESCRSRC TTP 1 Idle 86

\*\* PREFIX

\*\* Length of Side = 8.59

\*\* Configuration = Adjacent

\*\* Emission Rate = 2.757E-06

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 4

\*\* 495896.640, 3759786.184, 705.43, 3.49, 4.00

\*\* 496034.187, 3759722.925, 705.18, 3.49, 4.00

\*\* 496040.314, 3759741.306, 705.62, 3.49, 4.00

\*\* 495919.003, 3759793.996, 705.89, 3.49, 4.00

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LOCATION	VOLUME				
L0007882	495900.542	3759784.390	705.41		
L0007883	495908.347	3759780.801	705.45		
L0007884	495916.151	3759777.211	705.49		
L0007885	495923.955	3759773.622	705.59		
L0007886	495931.759	3759770.033	705.75		
L0007887	495939.563	3759766.444	705.97		
L0007888	495947.368	3759762.854	705.89		
L0007889	495955.172	3759759.265	705.77		
L0007890	495962.976	3759755.676	705.65		



LOCATION	VOLUME				
LOCATION L0007891	VOLUME	495970.780	3759752.087	705.53	
LOCATION L0007892	VOLUME	495978.584	3759748.498	705.41	
LOCATION L0007893	VOLUME	495986.389	3759744.908	705.29	
LOCATION L0007894	VOLUME	495994.193	3759741.319	705.17	
LOCATION L0007895	VOLUME	496001.997	3759737.730	705.10	
LOCATION L0007896	VOLUME	496009.801	3759734.141	705.22	
LOCATION L0007897	VOLUME	496017.605	3759730.551	705.28	
LOCATION L0007898	VOLUME	496025.410	3759726.962	705.27	
LOCATION L0007899	VOLUME	496033.214	3759723.373	705.09	
LOCATION L0007900	VOLUME	496036.565	3759730.059	705.43	
LOCATION L0007901	VOLUME	496039.281	3759738.208	705.79	
LOCATION L0007902	VOLUME	496035.430	3759743.427	706.11	
LOCATION L0007903	VOLUME	496027.551	3759746.849	706.26	
LOCATION L0007904	VOLUME	496019.672	3759750.271	706.11	
LOCATION L0007905	VOLUME	496011.793	3759753.693	705.96	
LOCATION L0007906	VOLUME	496003.914	3759757.116	705.81	
LOCATION L0007907	VOLUME	495996.036	3759760.538	705.81	
LOCATION L0007908	VOLUME	495988.157	3759763.960	705.93	
LOCATION L0007909	VOLUME	495980.278	3759767.382	706.04	
LOCATION L0007910	VOLUME	495972.399	3759770.804	706.15	
LOCATION L0007911	VOLUME	495964.520	3759774.226	706.22	
LOCATION L0007912	VOLUME	495956.641	3759777.648	706.21	
LOCATION L0007913	VOLUME	495948.762	3759781.071	706.14	
LOCATION L0007914	VOLUME	495940.883	3759784.493	706.01	
LOCATION L0007915	VOLUME	495933.004	3759787.915	705.93	
LOCATION L0007916	VOLUME	495925.125	3759791.337	705.92	

\*\* End of LINE VOLUME Source ID = SLINE41

\*\*

\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE42

\*\* DESCRSRC TTP 1 Idle 41

\*\* PREFIX

\*\* Length of Side = 8.59

\*\* Configuration = Adjacent

\*\* Emission Rate = 1.314E-06

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 2

\*\* 495950.097, 3759819.422, 707.05, 3.49, 4.00

\*\* 496076.615, 3759763.515, 706.81, 3.49, 4.00

\*\*

LOCATION L0007917	VOLUME	495954.025	3759817.686	707.17	
LOCATION L0007918	VOLUME	495961.882	3759814.214	707.32	
LOCATION L0007919	VOLUME	495969.739	3759810.742	707.46	
LOCATION L0007920	VOLUME	495977.596	3759807.270	707.37	
LOCATION L0007921	VOLUME	495985.453	3759803.799	707.25	
LOCATION L0007922	VOLUME	495993.311	3759800.327	707.14	
LOCATION L0007923	VOLUME	496001.168	3759796.855	707.05	
LOCATION L0007924	VOLUME	496009.025	3759793.383	707.19	
LOCATION L0007925	VOLUME	496016.882	3759789.911	707.34	
LOCATION L0007926	VOLUME	496024.739	3759786.439	707.49	
LOCATION L0007927	VOLUME	496032.596	3759782.967	707.56	
LOCATION L0007928	VOLUME	496040.453	3759779.495	707.44	
LOCATION L0007929	VOLUME	496048.310	3759776.023	707.33	
LOCATION L0007930	VOLUME	496056.167	3759772.551	707.21	
LOCATION L0007931	VOLUME	496064.024	3759769.079	707.10	
LOCATION L0007932	VOLUME	496071.881	3759765.607	706.97	

\*\* End of LINE VOLUME Source ID = SLINE42

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\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE43

\*\* DESCRSRC TTP 2 Idle 258

\*\* PREFIX

\*\* Length of Side = 8.59

\*\* Configuration = Adjacent

\*\* Emission Rate = 8.271E-06

\*\* Vertical Dimension = 6.99  
\*\* SZINIT = 3.25  
\*\* Nodes = 4  
\*\* 496525.575, 3759501.704, 714.79, 3.49, 4.00  
\*\* 496172.276, 3759661.334, 702.68, 3.49, 4.00  
\*\* 496179.319, 3759678.060, 703.00, 3.49, 4.00  
\*\* 496537.606, 3759515.202, 715.82, 3.49, 4.00

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LOCATION	L0007933	VOLUME	496521.661	3759503.472	714.75
LOCATION	L0007934	VOLUME	496513.833	3759507.009	714.23
LOCATION	L0007935	VOLUME	496506.005	3759510.546	713.70
LOCATION	L0007936	VOLUME	496498.177	3759514.083	713.18
LOCATION	L0007937	VOLUME	496490.349	3759517.620	712.66
LOCATION	L0007938	VOLUME	496482.521	3759521.157	712.14
LOCATION	L0007939	VOLUME	496474.693	3759524.694	711.62
LOCATION	L0007940	VOLUME	496466.865	3759528.230	711.13
LOCATION	L0007941	VOLUME	496459.037	3759531.767	710.71
LOCATION	L0007942	VOLUME	496451.209	3759535.304	710.35
LOCATION	L0007943	VOLUME	496443.381	3759538.841	710.19
LOCATION	L0007944	VOLUME	496435.553	3759542.378	710.04
LOCATION	L0007945	VOLUME	496427.725	3759545.915	709.90
LOCATION	L0007946	VOLUME	496419.897	3759549.452	709.76
LOCATION	L0007947	VOLUME	496412.068	3759552.989	709.61
LOCATION	L0007948	VOLUME	496404.240	3759556.526	709.46
LOCATION	L0007949	VOLUME	496396.412	3759560.063	709.20
LOCATION	L0007950	VOLUME	496388.584	3759563.600	708.94
LOCATION	L0007951	VOLUME	496380.756	3759567.137	708.68
LOCATION	L0007952	VOLUME	496372.928	3759570.674	708.42
LOCATION	L0007953	VOLUME	496365.100	3759574.210	708.16
LOCATION	L0007954	VOLUME	496357.272	3759577.747	707.89
LOCATION	L0007955	VOLUME	496349.444	3759581.284	707.63
LOCATION	L0007956	VOLUME	496341.616	3759584.821	707.37
LOCATION	L0007957	VOLUME	496333.788	3759588.358	707.11
LOCATION	L0007958	VOLUME	496325.960	3759591.895	706.73
LOCATION	L0007959	VOLUME	496318.132	3759595.432	706.31
LOCATION	L0007960	VOLUME	496310.304	3759598.969	705.94
LOCATION	L0007961	VOLUME	496302.476	3759602.506	705.64
LOCATION	L0007962	VOLUME	496294.648	3759606.043	705.28
LOCATION	L0007963	VOLUME	496286.820	3759609.580	704.87
LOCATION	L0007964	VOLUME	496278.992	3759613.117	704.47
LOCATION	L0007965	VOLUME	496271.164	3759616.654	704.06
LOCATION	L0007966	VOLUME	496263.336	3759620.190	703.90
LOCATION	L0007967	VOLUME	496255.508	3759623.727	703.75
LOCATION	L0007968	VOLUME	496247.680	3759627.264	703.61
LOCATION	L0007969	VOLUME	496239.852	3759630.801	703.48
LOCATION	L0007970	VOLUME	496232.023	3759634.338	703.44
LOCATION	L0007971	VOLUME	496224.195	3759637.875	703.33
LOCATION	L0007972	VOLUME	496216.367	3759641.412	703.17
LOCATION	L0007973	VOLUME	496208.539	3759644.949	702.94
LOCATION	L0007974	VOLUME	496200.711	3759648.486	702.75
LOCATION	L0007975	VOLUME	496192.883	3759652.023	702.61
LOCATION	L0007976	VOLUME	496185.055	3759655.560	702.47
LOCATION	L0007977	VOLUME	496177.227	3759659.097	702.43
LOCATION	L0007978	VOLUME	496173.501	3759664.243	702.60
LOCATION	L0007979	VOLUME	496176.835	3759672.160	702.87
LOCATION	L0007980	VOLUME	496181.311	3759677.154	703.06
LOCATION	L0007981	VOLUME	496189.131	3759673.599	703.20
LOCATION	L0007982	VOLUME	496196.951	3759670.045	703.35
LOCATION	L0007983	VOLUME	496204.772	3759666.490	703.49
LOCATION	L0007984	VOLUME	496212.592	3759662.936	703.59
LOCATION	L0007985	VOLUME	496220.412	3759659.381	703.63
LOCATION	L0007986	VOLUME	496228.232	3759655.826	703.72
LOCATION	L0007987	VOLUME	496236.052	3759652.272	703.88
LOCATION	L0007988	VOLUME	496243.872	3759648.717	704.11
LOCATION	L0007989	VOLUME	496251.692	3759645.163	704.34
LOCATION	L0007990	VOLUME	496259.512	3759641.608	704.48

LOCATION	VOLUME				
L0007991	496267.332	3759638.054	704.63		
L0007992	496275.152	3759634.499	704.83		
L0007993	496282.972	3759630.944	705.12		
L0007994	496290.792	3759627.390	705.48		
L0007995	496298.612	3759623.835	705.89		
L0007996	496306.432	3759620.281	706.20		
L0007997	496314.252	3759616.726	706.46		
L0007998	496322.072	3759613.172	706.69		
L0007999	496329.892	3759609.617	706.98		
L0008000	496337.712	3759606.062	707.24		
L0008001	496345.532	3759602.508	707.50		
L0008002	496353.352	3759598.953	707.76		
L0008003	496361.172	3759595.399	708.03		
L0008004	496368.993	3759591.844	708.34		
L0008005	496376.813	3759588.290	708.58		
L0008006	496384.633	3759584.735	708.81		
L0008007	496392.453	3759581.181	709.07		
L0008008	496400.273	3759577.626	709.33		
L0008009	496408.093	3759574.071	709.59		
L0008010	496415.913	3759570.517	709.85		
L0008011	496423.733	3759566.962	710.11		
L0008012	496431.553	3759563.408	710.37		
L0008013	496439.373	3759559.853	710.63		
L0008014	496447.193	3759556.299	710.89		
L0008015	496455.013	3759552.744	711.06		
L0008016	496462.833	3759549.189	711.28		
L0008017	496470.653	3759545.635	711.56		
L0008018	496478.473	3759542.080	711.90		
L0008019	496486.293	3759538.526	712.39		
L0008020	496494.113	3759534.971	712.91		
L0008021	496501.933	3759531.417	713.43		
L0008022	496509.753	3759527.862	713.95		
L0008023	496517.573	3759524.307	714.48		
L0008024	496525.393	3759520.753	715.00		
L0008025	496533.214	3759517.198	715.52		

\*\* End of LINE VOLUME Source ID = SLINE43

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\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE44

\*\* DESCRSRC TTP 2 Idle 129

\*\* PREFIX

\*\* Length of Side = 8.59

\*\* Configuration = Adjacent

\*\* Emission Rate = 4.136E-06

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 2

\*\* 496135.303, 3759635.511, 701.85, 3.49, 4.00

\*\* 496491.243, 3759472.947, 712.25, 3.49, 4.00

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LOCATION	VOLUME				
L0008026	496139.210	3759633.727	701.58		
L0008027	496147.023	3759630.158	701.47		
L0008028	496154.837	3759626.590	701.44		
L0008029	496162.651	3759623.021	701.54		
L0008030	496170.464	3759619.452	701.70		
L0008031	496178.278	3759615.884	701.92		
L0008032	496186.092	3759612.315	702.04		
L0008033	496193.905	3759608.746	702.09		
L0008034	496201.719	3759605.178	702.08		
L0008035	496209.533	3759601.609	702.01		
L0008036	496217.346	3759598.040	701.93		
L0008037	496225.160	3759594.472	701.91		
L0008038	496232.973	3759590.903	701.95		
L0008039	496240.787	3759587.335	702.05		
L0008040	496248.601	3759583.766	702.27		
L0008041	496256.414	3759580.197	702.53		

LOCATION	VOLUME				
L0008042	496264.228	3759576.629	702.79		
L0008043	496272.042	3759573.060	703.11		
L0008044	496279.855	3759569.491	703.63		
L0008045	496287.669	3759565.923	704.15		
L0008046	496295.483	3759562.354	704.67		
L0008047	496303.296	3759558.785	705.19		
L0008048	496311.110	3759555.217	705.70		
L0008049	496318.923	3759551.648	706.14		
L0008050	496326.737	3759548.080	706.52		
L0008051	496334.551	3759544.511	706.75		
L0008052	496342.364	3759540.942	706.89		
L0008053	496350.178	3759537.374	707.03		
L0008054	496357.992	3759533.805	707.17		
L0008055	496365.805	3759530.236	707.31		
L0008056	496373.619	3759526.668	707.46		
L0008057	496381.433	3759523.099	707.63		
L0008058	496389.246	3759519.530	707.75		
L0008059	496397.060	3759515.962	707.88		
L0008060	496404.873	3759512.393	708.02		
L0008061	496412.687	3759508.825	708.16		
L0008062	496420.501	3759505.256	708.31		
L0008063	496428.314	3759501.687	708.66		
L0008064	496436.128	3759498.119	709.08		
L0008065	496443.942	3759494.550	709.51		
L0008066	496451.755	3759490.981	709.92		
L0008067	496459.569	3759487.413	710.41		
L0008068	496467.383	3759483.844	710.95		
L0008069	496475.196	3759480.275	711.56		
L0008070	496483.010	3759476.707	712.17		
L0008071	496490.824	3759473.138	712.69		

\*\* End of LINE VOLUME Source ID = SLINE44

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\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE45

\*\* DESCRSRC TTP 2 Idle 16

\*\* PREFIX

\*\* Length of Side = 8.59

\*\* Configuration = Adjacent

\*\* Emission Rate = 5.13E-07

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 2

\*\* 496151.735, 3759693.025, 703.68, 3.49, 4.00

\*\* 496132.075, 3759649.009, 701.98, 3.49, 4.00

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LOCATION L0008072	VOLUME 496149.984	3759689.103	703.44		
LOCATION L0008073	VOLUME 496146.481	3759681.260	703.28		
LOCATION L0008074	VOLUME 496142.977	3759673.417	703.13		
LOCATION L0008075	VOLUME 496139.474	3759665.574	702.88		
LOCATION L0008076	VOLUME 496135.971	3759657.731	702.57		
LOCATION L0008077	VOLUME 496132.467	3759649.888	702.20		

\*\* End of LINE VOLUME Source ID = SLINE45

\*\* -----

\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE46

\*\* DESCRSRC TTP 2 Idle 83

\*\* PREFIX

\*\* Length of Side = 8.59

\*\* Configuration = Adjacent

\*\* Emission Rate = 2.661E-06

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 2

\*\* 496175.504, 3759722.956, 704.68, 3.49, 4.00

\*\* 496456.911, 3759590.615, 711.14, 3.49, 4.00

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LOCATION	VOLUME				
LOCATION L0008078	VOLUME	496179.391	3759721.128	704.50	
LOCATION L0008079	VOLUME	496187.164	3759717.472	704.38	
LOCATION L0008080	VOLUME	496194.937	3759713.816	704.25	
LOCATION L0008081	VOLUME	496202.711	3759710.161	704.13	
LOCATION L0008082	VOLUME	496210.484	3759706.505	704.01	
LOCATION L0008083	VOLUME	496218.257	3759702.850	704.23	
LOCATION L0008084	VOLUME	496226.030	3759699.194	704.40	
LOCATION L0008085	VOLUME	496233.804	3759695.538	704.50	
LOCATION L0008086	VOLUME	496241.577	3759691.883	704.54	
LOCATION L0008087	VOLUME	496249.350	3759688.227	704.58	
LOCATION L0008088	VOLUME	496257.124	3759684.571	704.68	
LOCATION L0008089	VOLUME	496264.897	3759680.916	704.84	
LOCATION L0008090	VOLUME	496272.670	3759677.260	705.00	
LOCATION L0008091	VOLUME	496280.444	3759673.604	705.03	
LOCATION L0008092	VOLUME	496288.217	3759669.949	705.12	
LOCATION L0008093	VOLUME	496295.990	3759666.293	705.28	
LOCATION L0008094	VOLUME	496303.764	3759662.637	705.62	
LOCATION L0008095	VOLUME	496311.537	3759658.982	706.10	
LOCATION L0008096	VOLUME	496319.310	3759655.326	706.52	
LOCATION L0008097	VOLUME	496327.084	3759651.671	706.87	
LOCATION L0008098	VOLUME	496334.857	3759648.015	707.29	
LOCATION L0008099	VOLUME	496342.630	3759644.359	707.79	
LOCATION L0008100	VOLUME	496350.403	3759640.704	708.21	
LOCATION L0008101	VOLUME	496358.177	3759637.048	708.57	
LOCATION L0008102	VOLUME	496365.950	3759633.392	708.84	
LOCATION L0008103	VOLUME	496373.723	3759629.737	709.14	
LOCATION L0008104	VOLUME	496381.497	3759626.081	709.50	
LOCATION L0008105	VOLUME	496389.270	3759622.425	709.93	
LOCATION L0008106	VOLUME	496397.043	3759618.770	710.22	
LOCATION L0008107	VOLUME	496404.817	3759615.114	710.44	
LOCATION L0008108	VOLUME	496412.590	3759611.458	710.58	
LOCATION L0008109	VOLUME	496420.363	3759607.803	710.72	
LOCATION L0008110	VOLUME	496428.137	3759604.147	710.86	
LOCATION L0008111	VOLUME	496435.910	3759600.491	710.99	
LOCATION L0008112	VOLUME	496443.683	3759596.836	711.13	
LOCATION L0008113	VOLUME	496451.456	3759593.180	711.29	

\*\* End of LINE VOLUME Source ID = SLINE46

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\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE47

\*\* DESCRSRC TTP 2 Idle 62

\*\* PREFIX

\*\* Length of Side = 8.59

\*\* Configuration = Adjacent

\*\* Emission Rate = 1.988E-06

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 4

\*\* 496427.273, 3759358.761, 706.07, 3.49, 4.00

\*\* 496341.619, 3759397.772, 704.13, 3.49, 4.00

\*\* 496348.192, 3759413.249, 704.48, 3.49, 4.00

\*\* 496433.210, 3759374.239, 707.21, 3.49, 4.00

\*\* -----

LOCATION L0008114	VOLUME	496423.365	3759360.542	706.53	
LOCATION L0008115	VOLUME	496415.547	3759364.102	706.60	
LOCATION L0008116	VOLUME	496407.730	3759367.662	706.72	
LOCATION L0008117	VOLUME	496399.913	3759371.223	706.83	
LOCATION L0008118	VOLUME	496392.095	3759374.783	706.95	
LOCATION L0008119	VOLUME	496384.278	3759378.344	706.59	
LOCATION L0008120	VOLUME	496376.460	3759381.904	706.07	
LOCATION L0008121	VOLUME	496368.643	3759385.464	705.55	
LOCATION L0008122	VOLUME	496360.826	3759389.025	705.03	
LOCATION L0008123	VOLUME	496353.008	3759392.585	704.75	
LOCATION L0008124	VOLUME	496345.191	3759396.146	704.49	
LOCATION L0008125	VOLUME	496343.443	3759402.067	704.43	
LOCATION L0008126	VOLUME	496346.800	3759409.973	704.55	

LOCATION L0008127	VOLUME	496352.764	3759411.151	704.74
LOCATION L0008128	VOLUME	496360.571	3759407.569	705.01
LOCATION L0008129	VOLUME	496368.379	3759403.987	705.53
LOCATION L0008130	VOLUME	496376.186	3759400.404	706.05
LOCATION L0008131	VOLUME	496383.993	3759396.822	706.57
LOCATION L0008132	VOLUME	496391.800	3759393.239	707.05
LOCATION L0008133	VOLUME	496399.608	3759389.657	707.27
LOCATION L0008134	VOLUME	496407.415	3759386.075	707.37
LOCATION L0008135	VOLUME	496415.222	3759382.492	707.35
LOCATION L0008136	VOLUME	496423.030	3759378.910	707.26
LOCATION L0008137	VOLUME	496430.837	3759375.327	707.31

\*\* End of LINE VOLUME Source ID = SLINE47

\*\* -----

\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE48

\*\* DESCRSRC TTP 2 Idle 26

\*\* PREFIX

\*\* Length of Side = 8.59

\*\* Configuration = Adjacent

\*\* Emission Rate = 8.336E-07

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 2

\*\* 496344.178, 3759425.692, 704.27, 3.49, 4.00

\*\* 496376.040, 3759497.688, 706.79, 3.49, 4.00

\*\* -----

LOCATION L0008138	VOLUME	496345.916	3759429.620	704.52
LOCATION L0008139	VOLUME	496349.392	3759437.475	704.65
LOCATION L0008140	VOLUME	496352.869	3759445.330	704.82
LOCATION L0008141	VOLUME	496356.345	3759453.185	704.94
LOCATION L0008142	VOLUME	496359.821	3759461.040	705.00
LOCATION L0008143	VOLUME	496363.298	3759468.895	705.27
LOCATION L0008144	VOLUME	496366.774	3759476.750	705.84
LOCATION L0008145	VOLUME	496370.250	3759484.606	706.35
LOCATION L0008146	VOLUME	496373.727	3759492.461	706.81

\*\* End of LINE VOLUME Source ID = SLINE48

\*\* -----

\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE49

\*\* DESCRSRC TTP 2 Idle 32

\*\* PREFIX

\*\* Length of Side = 8.59

\*\* Configuration = Adjacent

\*\* Emission Rate = 1.026E-06

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 2

\*\* 496388.907, 3759501.517, 707.00, 3.49, 4.00

\*\* 496477.600, 3759462.150, 711.93, 3.49, 4.00

\*\* -----

LOCATION L0008147	VOLUME	496392.833	3759499.775	707.20
LOCATION L0008148	VOLUME	496400.684	3759496.290	707.35
LOCATION L0008149	VOLUME	496408.536	3759492.805	707.49
LOCATION L0008150	VOLUME	496416.387	3759489.320	707.64
LOCATION L0008151	VOLUME	496424.238	3759485.835	707.91
LOCATION L0008152	VOLUME	496432.090	3759482.350	708.32
LOCATION L0008153	VOLUME	496439.941	3759478.865	708.72
LOCATION L0008154	VOLUME	496447.792	3759475.380	709.13
LOCATION L0008155	VOLUME	496455.643	3759471.895	709.68
LOCATION L0008156	VOLUME	496463.495	3759468.410	710.35
LOCATION L0008157	VOLUME	496471.346	3759464.925	711.06

\*\* End of LINE VOLUME Source ID = SLINE49

\*\* -----

\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE50

\*\* DESCRSRC TTP 2 Idle 64

\*\* PREFIX  
\*\* Length of Side = 8.59  
\*\* Configuration = Adjacent  
\*\* Emission Rate = 2.052E-06  
\*\* Vertical Dimension = 6.99  
\*\* SZINIT = 3.25  
\*\* Nodes = 6  
\*\* 496586.820, 3759525.720, 716.69, 3.49, 4.00  
\*\* 496570.582, 3759493.092, 718.00, 3.49, 4.00  
\*\* 496566.753, 3759488.037, 718.01, 3.49, 4.00  
\*\* 496458.912, 3759403.174, 709.06, 3.49, 4.00  
\*\* 496453.857, 3759398.579, 708.97, 3.49, 4.00  
\*\* 496445.279, 3759378.052, 707.88, 3.49, 4.00

-----  
LOCATION L0008158 VOLUME 496584.906 3759521.875 716.77  
LOCATION L0008159 VOLUME 496581.079 3759514.185 717.15  
LOCATION L0008160 VOLUME 496577.252 3759506.495 717.54  
LOCATION L0008161 VOLUME 496573.425 3759498.804 717.92  
LOCATION L0008162 VOLUME 496569.248 3759491.331 718.08  
LOCATION L0008163 VOLUME 496563.249 3759485.280 717.88  
LOCATION L0008164 VOLUME 496556.499 3759479.968 717.61  
LOCATION L0008165 VOLUME 496549.748 3759474.656 717.34  
LOCATION L0008166 VOLUME 496542.998 3759469.344 717.06  
LOCATION L0008167 VOLUME 496536.247 3759464.032 716.66  
LOCATION L0008168 VOLUME 496529.497 3759458.720 716.24  
LOCATION L0008169 VOLUME 496522.746 3759453.407 715.91  
LOCATION L0008170 VOLUME 496515.996 3759448.095 715.65  
LOCATION L0008171 VOLUME 496509.245 3759442.783 715.39  
LOCATION L0008172 VOLUME 496502.495 3759437.471 714.62  
LOCATION L0008173 VOLUME 496495.744 3759432.159 713.42  
LOCATION L0008174 VOLUME 496488.994 3759426.847 712.11  
LOCATION L0008175 VOLUME 496482.243 3759421.534 710.81  
LOCATION L0008176 VOLUME 496475.493 3759416.222 710.11  
LOCATION L0008177 VOLUME 496468.742 3759410.910 709.71  
LOCATION L0008178 VOLUME 496461.992 3759405.598 709.35  
LOCATION L0008179 VOLUME 496455.456 3759400.032 708.89  
LOCATION L0008180 VOLUME 496451.378 3759392.647 708.55  
LOCATION L0008181 VOLUME 496448.066 3759384.721 708.23

\*\* End of LINE VOLUME Source ID = SLINE50

\*\* -----  
\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE51

\*\* DESCRSRC TTP 2 Idle 38

\*\* PREFIX

\*\* Length of Side = 8.59

\*\* Configuration = Adjacent

\*\* Emission Rate = 1.218E-06

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 4

\*\* 496437.619, 3759418.186, 708.72, 3.49, 4.00  
\*\* 496385.537, 3759442.236, 706.89, 3.49, 4.00  
\*\* 496392.430, 3759457.860, 706.14, 3.49, 4.00  
\*\* 496444.513, 3759433.198, 708.99, 3.49, 4.00

-----  
LOCATION L0008182 VOLUME 496433.720 3759419.987 708.74  
LOCATION L0008183 VOLUME 496425.921 3759423.588 708.53  
LOCATION L0008184 VOLUME 496418.123 3759427.189 708.20  
LOCATION L0008185 VOLUME 496410.324 3759430.790 707.78  
LOCATION L0008186 VOLUME 496402.525 3759434.391 707.43  
LOCATION L0008187 VOLUME 496394.727 3759437.992 707.08  
LOCATION L0008188 VOLUME 496386.928 3759441.594 706.61  
LOCATION L0008189 VOLUME 496388.386 3759448.693 706.47  
LOCATION L0008190 VOLUME 496391.854 3759456.553 706.37  
LOCATION L0008191 VOLUME 496398.902 3759454.796 706.66  
LOCATION L0008192 VOLUME 496406.666 3759451.120 707.04

LOCATION	L0008193	VOLUME	496414.429	3759447.443	707.42
LOCATION	L0008194	VOLUME	496422.193	3759443.767	707.82
LOCATION	L0008195	VOLUME	496429.956	3759440.091	708.23
LOCATION	L0008196	VOLUME	496437.720	3759436.414	708.57

\*\* End of LINE VOLUME Source ID = SLINE51

\*\* Source Parameters \*\*

\*\* LINE VOLUME Source ID = SLINE4

SRCPARAM	L0006649	0.0000008193	3.49	4.00	3.25
SRCPARAM	L0006650	0.0000008193	3.49	4.00	3.25
SRCPARAM	L0006651	0.0000008193	3.49	4.00	3.25
SRCPARAM	L0006652	0.0000008193	3.49	4.00	3.25
SRCPARAM	L0006653	0.0000008193	3.49	4.00	3.25
SRCPARAM	L0006654	0.0000008193	3.49	4.00	3.25
SRCPARAM	L0006655	0.0000008193	3.49	4.00	3.25
SRCPARAM	L0006656	0.0000008193	3.49	4.00	3.25
SRCPARAM	L0006657	0.0000008193	3.49	4.00	3.25
SRCPARAM	L0006658	0.0000008193	3.49	4.00	3.25
SRCPARAM	L0006659	0.0000008193	3.49	4.00	3.25
SRCPARAM	L0006660	0.0000008193	3.49	4.00	3.25
SRCPARAM	L0006661	0.0000008193	3.49	4.00	3.25
SRCPARAM	L0006662	0.0000008193	3.49	4.00	3.25
SRCPARAM	L0006663	0.0000008193	3.49	4.00	3.25
SRCPARAM	L0006664	0.0000008193	3.49	4.00	3.25
SRCPARAM	L0006665	0.0000008193	3.49	4.00	3.25
SRCPARAM	L0006666	0.0000008193	3.49	4.00	3.25
SRCPARAM	L0006667	0.0000008193	3.49	4.00	3.25
SRCPARAM	L0006668	0.0000008193	3.49	4.00	3.25
SRCPARAM	L0006669	0.0000008193	3.49	4.00	3.25
SRCPARAM	L0006670	0.0000008193	3.49	4.00	3.25
SRCPARAM	L0006671	0.0000008193	3.49	4.00	3.25
SRCPARAM	L0006672	0.0000008193	3.49	4.00	3.25
SRCPARAM	L0006673	0.0000008193	3.49	4.00	3.25
SRCPARAM	L0006674	0.0000008193	3.49	4.00	3.25
SRCPARAM	L0006675	0.0000008193	3.49	4.00	3.25
SRCPARAM	L0006676	0.0000008193	3.49	4.00	3.25

\*\*

\*\* LINE VOLUME Source ID = SLINE5

SRCPARAM	L0006677	0.0000009176	3.49	4.00	3.25
SRCPARAM	L0006678	0.0000009176	3.49	4.00	3.25
SRCPARAM	L0006679	0.0000009176	3.49	4.00	3.25
SRCPARAM	L0006680	0.0000009176	3.49	4.00	3.25
SRCPARAM	L0006681	0.0000009176	3.49	4.00	3.25
SRCPARAM	L0006682	0.0000009176	3.49	4.00	3.25
SRCPARAM	L0006683	0.0000009176	3.49	4.00	3.25
SRCPARAM	L0006684	0.0000009176	3.49	4.00	3.25
SRCPARAM	L0006685	0.0000009176	3.49	4.00	3.25
SRCPARAM	L0006686	0.0000009176	3.49	4.00	3.25
SRCPARAM	L0006687	0.0000009176	3.49	4.00	3.25
SRCPARAM	L0006688	0.0000009176	3.49	4.00	3.25
SRCPARAM	L0006689	0.0000009176	3.49	4.00	3.25
SRCPARAM	L0006690	0.0000009176	3.49	4.00	3.25
SRCPARAM	L0006691	0.0000009176	3.49	4.00	3.25
SRCPARAM	L0006692	0.0000009176	3.49	4.00	3.25
SRCPARAM	L0006693	0.0000009176	3.49	4.00	3.25
SRCPARAM	L0006694	0.0000009176	3.49	4.00	3.25
SRCPARAM	L0006695	0.0000009176	3.49	4.00	3.25
SRCPARAM	L0006696	0.0000009176	3.49	4.00	3.25
SRCPARAM	L0006697	0.0000009176	3.49	4.00	3.25
SRCPARAM	L0006698	0.0000009176	3.49	4.00	3.25
SRCPARAM	L0006699	0.0000009176	3.49	4.00	3.25
SRCPARAM	L0006700	0.0000009176	3.49	4.00	3.25
SRCPARAM	L0006701	0.0000009176	3.49	4.00	3.25

\*\*

\*\* LINE VOLUME Source ID = SLINE6

SRCPARAM	L0006702	0.000001622	3.49	4.00	3.25
SRCPARAM	L0006703	0.000001622	3.49	4.00	3.25





















































































SRCPARAM	L0008150	0.00000009327	3.49	4.00	3.25
SRCPARAM	L0008151	0.00000009327	3.49	4.00	3.25
SRCPARAM	L0008152	0.00000009327	3.49	4.00	3.25
SRCPARAM	L0008153	0.00000009327	3.49	4.00	3.25
SRCPARAM	L0008154	0.00000009327	3.49	4.00	3.25
SRCPARAM	L0008155	0.00000009327	3.49	4.00	3.25
SRCPARAM	L0008156	0.00000009327	3.49	4.00	3.25
SRCPARAM	L0008157	0.00000009327	3.49	4.00	3.25

\*\* -----

\*\* LINE VOLUME Source ID = SLINE50

SRCPARAM	L0008158	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0008159	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0008160	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0008161	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0008162	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0008163	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0008164	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0008165	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0008166	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0008167	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0008168	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0008169	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0008170	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0008171	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0008172	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0008173	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0008174	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0008175	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0008176	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0008177	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0008178	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0008179	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0008180	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0008181	0.0000000855	3.49	4.00	3.25

\*\* -----

\*\* LINE VOLUME Source ID = SLINE51

SRCPARAM	L0008182	0.0000000812	3.49	4.00	3.25
SRCPARAM	L0008183	0.0000000812	3.49	4.00	3.25
SRCPARAM	L0008184	0.0000000812	3.49	4.00	3.25
SRCPARAM	L0008185	0.0000000812	3.49	4.00	3.25
SRCPARAM	L0008186	0.0000000812	3.49	4.00	3.25
SRCPARAM	L0008187	0.0000000812	3.49	4.00	3.25
SRCPARAM	L0008188	0.0000000812	3.49	4.00	3.25
SRCPARAM	L0008189	0.0000000812	3.49	4.00	3.25
SRCPARAM	L0008190	0.0000000812	3.49	4.00	3.25
SRCPARAM	L0008191	0.0000000812	3.49	4.00	3.25
SRCPARAM	L0008192	0.0000000812	3.49	4.00	3.25
SRCPARAM	L0008193	0.0000000812	3.49	4.00	3.25
SRCPARAM	L0008194	0.0000000812	3.49	4.00	3.25
SRCPARAM	L0008195	0.0000000812	3.49	4.00	3.25
SRCPARAM	L0008196	0.0000000812	3.49	4.00	3.25

\*\* -----

URBANSRC ALL  
SRCGROUP ALL

SO FINISHED

\*\*  
\*\*\*\*\*

\*\* AERMOD Receptor Pathway

\*\*\*\*\*

\*\*

\*\*

RE STARTING

INCLUDED "13594 Ops Scenario 2.rou"

RE FINISHED

\*\*  
\*\*\*\*\*

```
** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
SURFFILE RDLD_V9_ADJU\RDLD_v9.SFC
PROFFILE RDLD_V9_ADJU\RDLD_v9.PFL
SURFDATA 3171 2012
UAIRDATA 3190 2012
SITEDATA 99999 2012
PROFBASE 481.0 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
** Auto-Generated Plotfiles
PLOTFILE PERIOD ALL "13594 OPS SCENARIO 2.AD\PE00GALL.PLT" 31
SUMMFILE "13594 Ops Scenario 2.sum"
OU FINISHED
**
*****
** Project Parameters
*****
** PROJCTN CoordinateSystemUTM
** DESCPTN UTM: Universal Transverse Mercator
** DATUM North American Datum 1983
** DTMRGN CONUS
** UNITS m
** ZONE 11
** ZONEINX 0
**
```

```

** Lakes Environmental AERMOD MPI
**
*****
**
** AERMOD INPUT PRODUCED BY:
** AERMOD VIEW VER. 11.2.0
** LAKES ENVIRONMENTAL SOFTWARE INC.
** DATE: 7/19/2023
** FILE: C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK VALLEY\13594 OPS SCENARIO 2\13594 OPS
SCENARIO 2.ADI
**

```

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*****
**
**
*****
** AERMOD CONTROL PATHWAY
*****
**
**

```

```

CO STARTING
  TITLEONE C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK VALLEY\13594 OPS\1359
  MODELOPT DFAULT CONC
  AVERTIME PERIOD
  URBANOPT 2189641 RIVERSIDE COUNTY
  POLLUTID DPM
  RUNORNOT RUN
  ERRORFIL "13594 OPS SCENARIO 2.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 = SLINE4
** DESCRSRC BLDG 3 IDLE N
** PREFIX
** LENGTH OF SIDE = 8.59
** CONFIGURATION = ADJACENT
** EMISSION RATE = 0.00002294
** VERTICAL DIMENSION = 6.99
** SZINIT = 3.25
** NODES = 2
** 496104.802, 3759601.605, 702.26, 3.49, 4.00
** 496327.405, 3759504.216, 705.86, 3.49, 4.00
** -----

```

LOCATION	VOLUME	X	Y	Z	U
L0006649	496108.737	3759599.883	701.27		
L0006650	496116.607	3759596.440	700.64		
L0006651	496124.477	3759592.997	700.23		
L0006652	496132.346	3759589.554	700.11		
L0006653	496140.216	3759586.111	700.00		
L0006654	496148.086	3759582.668	699.88		
L0006655	496155.956	3759579.225	699.95		
L0006656	496163.826	3759575.782	700.10		
L0006657	496171.695	3759572.339	700.25		
L0006658	496179.565	3759568.896	700.40		
L0006659	496187.435	3759565.453	700.47		
L0006660	496195.305	3759562.010	700.59		
L0006661	496203.175	3759558.567	700.78		
L0006662	496211.044	3759555.124	701.02		
L0006663	496218.914	3759551.681	701.28		



LOCATION	L0006664	VOLUME	496226.784	3759548.238	701.55
LOCATION	L0006665	VOLUME	496234.654	3759544.794	701.81
LOCATION	L0006666	VOLUME	496242.523	3759541.351	702.07
LOCATION	L0006667	VOLUME	496250.393	3759537.908	702.33
LOCATION	L0006668	VOLUME	496258.263	3759534.465	702.59
LOCATION	L0006669	VOLUME	496266.133	3759531.022	702.86
LOCATION	L0006670	VOLUME	496274.003	3759527.579	703.24
LOCATION	L0006671	VOLUME	496281.872	3759524.136	703.74
LOCATION	L0006672	VOLUME	496289.742	3759520.693	704.17
LOCATION	L0006673	VOLUME	496297.612	3759517.250	704.54
LOCATION	L0006674	VOLUME	496305.482	3759513.807	704.83
LOCATION	L0006675	VOLUME	496313.352	3759510.364	705.13
LOCATION	L0006676	VOLUME	496321.221	3759506.921	705.50

\*\* END OF LINE VOLUME SOURCE ID = SLINE4

\*\* -----

\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

\*\* LINE VOLUME SOURCE ID = SLINE5

\*\* DESCRSRC BLDG 3 IDLE S

\*\* PREFIX

\*\* LENGTH OF SIDE = 8.59

\*\* CONFIGURATION = ADJACENT

\*\* EMISSION RATE = 0.00002294

\*\* VERTICAL DIMENSION = 6.99

\*\* SZINIT = 3.25

\*\* NODES = 2

\*\* 496069.093, 3759496.332, 696.90, 3.49, 4.00

\*\* 496267.117, 3759411.928, 700.93, 3.49, 4.00

\*\* -----

LOCATION	L0006677	VOLUME	496073.044	3759494.648	696.95
LOCATION	L0006678	VOLUME	496080.946	3759491.280	696.84
LOCATION	L0006679	VOLUME	496088.848	3759487.912	696.72
LOCATION	L0006680	VOLUME	496096.750	3759484.544	696.61
LOCATION	L0006681	VOLUME	496104.653	3759481.175	696.50
LOCATION	L0006682	VOLUME	496112.555	3759477.807	696.39
LOCATION	L0006683	VOLUME	496120.457	3759474.439	696.28
LOCATION	L0006684	VOLUME	496128.359	3759471.071	696.43
LOCATION	L0006685	VOLUME	496136.261	3759467.703	696.58
LOCATION	L0006686	VOLUME	496144.163	3759464.335	696.73
LOCATION	L0006687	VOLUME	496152.065	3759460.967	696.88
LOCATION	L0006688	VOLUME	496159.968	3759457.599	697.03
LOCATION	L0006689	VOLUME	496167.870	3759454.230	697.18
LOCATION	L0006690	VOLUME	496175.772	3759450.862	697.33
LOCATION	L0006691	VOLUME	496183.674	3759447.494	697.55
LOCATION	L0006692	VOLUME	496191.576	3759444.126	697.91
LOCATION	L0006693	VOLUME	496199.478	3759440.758	698.33
LOCATION	L0006694	VOLUME	496207.380	3759437.390	698.80
LOCATION	L0006695	VOLUME	496215.283	3759434.022	699.09
LOCATION	L0006696	VOLUME	496223.185	3759430.654	699.24
LOCATION	L0006697	VOLUME	496231.087	3759427.285	699.39
LOCATION	L0006698	VOLUME	496238.989	3759423.917	699.54
LOCATION	L0006699	VOLUME	496246.891	3759420.549	699.81
LOCATION	L0006700	VOLUME	496254.793	3759417.181	700.15
LOCATION	L0006701	VOLUME	496262.695	3759413.813	700.55

\*\* END OF LINE VOLUME SOURCE ID = SLINE5

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\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

\*\* LINE VOLUME SOURCE ID = SLINE6

\*\* DESCRSRC BLDG 4 IDLE

\*\* PREFIX

\*\* LENGTH OF SIDE = 8.59

\*\* CONFIGURATION = ADJACENT

\*\* EMISSION RATE = 0.00004542

\*\* VERTICAL DIMENSION = 6.99

\*\* SZINIT = 3.25

\*\* NODES = 2

\*\* 496020.862, 3759433.261, 694.16, 3.49, 4.00

\*\* 496244.393, 3759335.872, 699.38, 3.49, 4.00

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LOCATION L0006702 VOLUME 496024.800 3759431.546 694.16  
LOCATION L0006703 VOLUME 496032.675 3759428.115 694.00  
LOCATION L0006704 VOLUME 496040.550 3759424.684 694.00  
LOCATION L0006705 VOLUME 496048.425 3759421.253 694.00  
LOCATION L0006706 VOLUME 496056.300 3759417.822 694.00  
LOCATION L0006707 VOLUME 496064.175 3759414.391 694.03  
LOCATION L0006708 VOLUME 496072.050 3759410.959 694.06  
LOCATION L0006709 VOLUME 496079.925 3759407.528 694.03  
LOCATION L0006710 VOLUME 496087.800 3759404.097 694.00  
LOCATION L0006711 VOLUME 496095.675 3759400.666 694.14  
LOCATION L0006712 VOLUME 496103.550 3759397.235 694.31  
LOCATION L0006713 VOLUME 496111.425 3759393.804 694.41  
LOCATION L0006714 VOLUME 496119.300 3759390.373 694.46  
LOCATION L0006715 VOLUME 496127.175 3759386.942 694.58  
LOCATION L0006716 VOLUME 496135.050 3759383.511 694.73  
LOCATION L0006717 VOLUME 496142.925 3759380.080 694.88  
LOCATION L0006718 VOLUME 496150.800 3759376.649 695.03  
LOCATION L0006719 VOLUME 496158.675 3759373.218 695.20  
LOCATION L0006720 VOLUME 496166.550 3759369.787 695.44  
LOCATION L0006721 VOLUME 496174.425 3759366.356 695.73  
LOCATION L0006722 VOLUME 496182.300 3759362.925 696.10  
LOCATION L0006723 VOLUME 496190.176 3759359.494 696.47  
LOCATION L0006724 VOLUME 496198.051 3759356.063 696.78  
LOCATION L0006725 VOLUME 496205.926 3759352.632 697.03  
LOCATION L0006726 VOLUME 496213.801 3759349.201 697.31  
LOCATION L0006727 VOLUME 496221.676 3759345.770 697.77  
LOCATION L0006728 VOLUME 496229.551 3759342.339 698.45  
LOCATION L0006729 VOLUME 496237.426 3759338.908 699.07

\*\* END OF LINE VOLUME SOURCE ID = SLINE6

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\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

\*\* LINE VOLUME SOURCE ID = SLINE1

\*\* DESCRSRC BLDG 1 IDLE

\*\* PREFIX

\*\* LENGTH OF SIDE = 8.59

\*\* CONFIGURATION = ADJACENT

\*\* EMISSION RATE = 0.00004365

\*\* VERTICAL DIMENSION = 6.99

\*\* SZINIT = 3.25

\*\* NODES = 2

\*\* 495759.599, 3759514.278, 698.58, 3.49, 4.00

\*\* 495833.938, 3759679.911, 701.36, 3.49, 4.00

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LOCATION L0006730 VOLUME 495761.358 3759518.196 698.71  
LOCATION L0006731 VOLUME 495764.875 3759526.033 698.85  
LOCATION L0006732 VOLUME 495768.392 3759533.870 698.87  
LOCATION L0006733 VOLUME 495771.910 3759541.707 699.01  
LOCATION L0006734 VOLUME 495775.427 3759549.544 699.28  
LOCATION L0006735 VOLUME 495778.944 3759557.381 699.59  
LOCATION L0006736 VOLUME 495782.462 3759565.217 699.51  
LOCATION L0006737 VOLUME 495785.979 3759573.054 699.37  
LOCATION L0006738 VOLUME 495789.496 3759580.891 699.17  
LOCATION L0006739 VOLUME 495793.014 3759588.728 699.17  
LOCATION L0006740 VOLUME 495796.531 3759596.565 699.55  
LOCATION L0006741 VOLUME 495800.048 3759604.402 699.93  
LOCATION L0006742 VOLUME 495803.566 3759612.239 700.31  
LOCATION L0006743 VOLUME 495807.083 3759620.076 700.56  
LOCATION L0006744 VOLUME 495810.600 3759627.912 700.67  
LOCATION L0006745 VOLUME 495814.118 3759635.749 700.79  
LOCATION L0006746 VOLUME 495817.635 3759643.586 700.91  
LOCATION L0006747 VOLUME 495821.152 3759651.423 701.02  
LOCATION L0006748 VOLUME 495824.670 3759659.260 701.14  
LOCATION L0006749 VOLUME 495828.187 3759667.097 701.26  
LOCATION L0006750 VOLUME 495831.704 3759674.934 701.38

\*\* END OF LINE VOLUME SOURCE ID = SLINE1

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\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

\*\* LINE VOLUME SOURCE ID = SLINE2

\*\* DESCRSRC BLDG 2 IDLE W

\*\* PREFIX

\*\* LENGTH OF SIDE = 8.59

\*\* CONFIGURATION = ADJACENT

\*\* EMISSION RATE = 0.00002302

\*\* VERTICAL DIMENSION = 6.99

\*\* SZINIT = 3.25

\*\* NODES = 2

\*\* 495913.968, 3759696.590, 703.77, 3.49, 4.00

\*\* 495839.526, 3759529.331, 699.81, 3.49, 4.00

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LOCATION L0006751	VOLUME	495912.221	3759692.666	703.55
LOCATION L0006752	VOLUME	495908.728	3759684.818	703.27
LOCATION L0006753	VOLUME	495905.236	3759676.970	703.02
LOCATION L0006754	VOLUME	495901.743	3759669.123	703.00
LOCATION L0006755	VOLUME	495898.250	3759661.275	703.00
LOCATION L0006756	VOLUME	495894.757	3759653.427	703.00
LOCATION L0006757	VOLUME	495891.264	3759645.579	702.99
LOCATION L0006758	VOLUME	495887.771	3759637.731	702.79
LOCATION L0006759	VOLUME	495884.279	3759629.883	702.53
LOCATION L0006760	VOLUME	495880.786	3759622.036	702.20
LOCATION L0006761	VOLUME	495877.293	3759614.188	702.07
LOCATION L0006762	VOLUME	495873.800	3759606.340	702.55
LOCATION L0006763	VOLUME	495870.307	3759598.492	702.84
LOCATION L0006764	VOLUME	495866.814	3759590.644	702.94
LOCATION L0006765	VOLUME	495863.322	3759582.797	702.61
LOCATION L0006766	VOLUME	495859.829	3759574.949	701.88
LOCATION L0006767	VOLUME	495856.336	3759567.101	701.15
LOCATION L0006768	VOLUME	495852.843	3759559.253	700.43
LOCATION L0006769	VOLUME	495849.350	3759551.405	700.00
LOCATION L0006770	VOLUME	495845.857	3759543.557	700.00
LOCATION L0006771	VOLUME	495842.365	3759535.710	700.00

\*\* END OF LINE VOLUME SOURCE ID = SLINE2

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\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

\*\* LINE VOLUME SOURCE ID = SLINE3

\*\* DESCRSRC BLDG 2 IDLE E

\*\* PREFIX

\*\* LENGTH OF SIDE = 8.59

\*\* CONFIGURATION = ADJACENT

\*\* EMISSION RATE = 0.00002302

\*\* VERTICAL DIMENSION = 6.99

\*\* SZINIT = 3.25

\*\* NODES = 2

\*\* 496031.284, 3759643.350, 704.02, 3.49, 4.00

\*\* 495957.314, 3759476.091, 695.00, 3.49, 4.00

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LOCATION L0006772	VOLUME	496029.547	3759639.422	704.43
LOCATION L0006773	VOLUME	496026.073	3759631.566	704.90
LOCATION L0006774	VOLUME	496022.599	3759623.710	705.43
LOCATION L0006775	VOLUME	496019.124	3759615.854	706.01
LOCATION L0006776	VOLUME	496015.650	3759607.998	706.14
LOCATION L0006777	VOLUME	496012.175	3759600.142	706.21
LOCATION L0006778	VOLUME	496008.701	3759592.286	706.22
LOCATION L0006779	VOLUME	496005.227	3759584.430	706.04
LOCATION L0006780	VOLUME	496001.752	3759576.574	705.40
LOCATION L0006781	VOLUME	495998.278	3759568.718	704.85
LOCATION L0006782	VOLUME	495994.804	3759560.862	704.44
LOCATION L0006783	VOLUME	495991.329	3759553.006	703.83
LOCATION L0006784	VOLUME	495987.855	3759545.150	702.98
LOCATION L0006785	VOLUME	495984.381	3759537.294	702.44
LOCATION L0006786	VOLUME	495980.906	3759529.438	702.20

LOCATION L0006787	VOLUME	495977.432	3759521.582	701.94
LOCATION L0006788	VOLUME	495973.958	3759513.725	701.36
LOCATION L0006789	VOLUME	495970.483	3759505.869	700.61
LOCATION L0006790	VOLUME	495967.009	3759498.013	699.21
LOCATION L0006791	VOLUME	495963.535	3759490.157	698.01
LOCATION L0006792	VOLUME	495960.060	3759482.301	696.96

\*\* END OF LINE VOLUME SOURCE ID = SLINE3

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\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

\*\* LINE VOLUME SOURCE ID = SLINE7

\*\* DESCRSRC PARKING LOT ONSITE ALL

\*\* PREFIX

\*\* LENGTH OF SIDE = 8.59

\*\* CONFIGURATION = ADJACENT

\*\* EMISSION RATE = 0.00005887

\*\* VERTICAL DIMENSION = 6.99

\*\* SZINIT = 3.25

\*\* NODES = 9

\*\* 495893.250, 3759363.629, 695.00, 3.49, 4.00

\*\* 495907.828, 3759388.183, 694.91, 3.49, 4.00

\*\* 495922.407, 3759401.994, 694.73, 3.49, 4.00

\*\* 495943.892, 3759416.573, 694.07, 3.49, 4.00

\*\* 495969.213, 3759428.082, 694.89, 3.49, 4.00

\*\* 495983.792, 3759441.127, 694.92, 3.49, 4.00

\*\* 495995.301, 3759458.007, 695.00, 3.49, 4.00

\*\* 496008.345, 3759485.630, 695.97, 3.49, 4.00

\*\* 496115.001, 3759724.262, 704.86, 3.49, 4.00

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LOCATION L0005558	VOLUME	495895.442	3759367.322	695.00
LOCATION L0005559	VOLUME	495899.828	3759374.708	695.00
LOCATION L0005560	VOLUME	495904.214	3759382.094	695.00
LOCATION L0005561	VOLUME	495908.924	3759389.221	695.00
LOCATION L0005562	VOLUME	495915.160	3759395.128	694.84
LOCATION L0005563	VOLUME	495921.396	3759401.036	694.63
LOCATION L0005564	VOLUME	495928.363	3759406.035	694.40
LOCATION L0005565	VOLUME	495935.471	3759410.859	694.30
LOCATION L0005566	VOLUME	495942.579	3759415.682	694.32
LOCATION L0005567	VOLUME	495950.267	3759419.471	694.44
LOCATION L0005568	VOLUME	495958.087	3759423.025	694.56
LOCATION L0005569	VOLUME	495965.907	3759426.580	694.68
LOCATION L0005570	VOLUME	495972.908	3759431.389	694.84
LOCATION L0005571	VOLUME	495979.310	3759437.117	695.00
LOCATION L0005572	VOLUME	495985.243	3759443.255	695.00
LOCATION L0005573	VOLUME	495990.082	3759450.353	695.00
LOCATION L0005574	VOLUME	495994.921	3759457.450	695.00
LOCATION L0005575	VOLUME	495998.681	3759465.165	695.00
LOCATION L0005576	VOLUME	496002.349	3759472.932	695.22
LOCATION L0005577	VOLUME	496006.017	3759480.700	695.48
LOCATION L0005578	VOLUME	496009.626	3759488.495	695.74
LOCATION L0005579	VOLUME	496013.131	3759496.337	696.01
LOCATION L0005580	VOLUME	496016.636	3759504.179	696.82
LOCATION L0005581	VOLUME	496020.141	3759512.022	697.75
LOCATION L0005582	VOLUME	496023.646	3759519.864	698.80
LOCATION L0005583	VOLUME	496027.151	3759527.706	700.04
LOCATION L0005584	VOLUME	496030.656	3759535.549	701.57
LOCATION L0005585	VOLUME	496034.161	3759543.391	702.92
LOCATION L0005586	VOLUME	496037.666	3759551.233	704.21
LOCATION L0005587	VOLUME	496041.171	3759559.076	705.19
LOCATION L0005588	VOLUME	496044.677	3759566.918	705.72
LOCATION L0005589	VOLUME	496048.182	3759574.760	706.24
LOCATION L0005590	VOLUME	496051.687	3759582.603	706.76
LOCATION L0005591	VOLUME	496055.192	3759590.445	706.86
LOCATION L0005592	VOLUME	496058.697	3759598.287	706.60
LOCATION L0005593	VOLUME	496062.202	3759606.130	706.10
LOCATION L0005594	VOLUME	496065.707	3759613.972	705.37
LOCATION L0005595	VOLUME	496069.212	3759621.814	704.62

LOCATION L0005596	VOLUME	496072.717	3759629.657	704.01
LOCATION L0005597	VOLUME	496076.222	3759637.499	703.59
LOCATION L0005598	VOLUME	496079.728	3759645.342	703.36
LOCATION L0005599	VOLUME	496083.233	3759653.184	703.42
LOCATION L0005600	VOLUME	496086.738	3759661.026	703.56
LOCATION L0005601	VOLUME	496090.243	3759668.869	703.76
LOCATION L0005602	VOLUME	496093.748	3759676.711	704.00
LOCATION L0005603	VOLUME	496097.253	3759684.553	704.00
LOCATION L0005604	VOLUME	496100.758	3759692.396	704.00
LOCATION L0005605	VOLUME	496104.263	3759700.238	704.00
LOCATION L0005606	VOLUME	496107.768	3759708.080	704.09
LOCATION L0005607	VOLUME	496111.273	3759715.923	704.42
LOCATION L0005608	VOLUME	496114.779	3759723.765	704.70

\*\* END OF LINE VOLUME SOURCE ID = SLINE7

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\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

\*\* LINE VOLUME SOURCE ID = SLINE8

\*\* DESCRSRC PARKING LOT 1 E

\*\* PREFIX

\*\* LENGTH OF SIDE = 8.59

\*\* CONFIGURATION = ADJACENT

\*\* EMISSION RATE = 9.193E-06

\*\* VERTICAL DIMENSION = 6.99

\*\* SZINIT = 3.25

\*\* NODES = 9

\*\* 496104.678, 3759728.214, 705.25, 3.49, 4.00  
 \*\* 495978.801, 3759786.914, 706.76, 3.49, 4.00  
 \*\* 495931.190, 3759809.089, 706.09, 3.49, 4.00  
 \*\* 495907.710, 3759804.523, 705.88, 3.49, 4.00  
 \*\* 495881.621, 3759796.045, 705.00, 3.49, 4.00  
 \*\* 495855.533, 3759784.957, 704.76, 3.49, 4.00  
 \*\* 496034.891, 3759707.996, 704.00, 3.49, 4.00  
 \*\* 496038.805, 3759706.039, 704.00, 3.49, 4.00  
 \*\* 496055.110, 3759745.824, 705.14, 3.49, 4.00

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LOCATION L0008197	VOLUME	496100.785	3759730.030	705.32
LOCATION L0008198	VOLUME	496093.000	3759733.660	705.75
LOCATION L0008199	VOLUME	496085.215	3759737.290	705.87
LOCATION L0008200	VOLUME	496077.430	3759740.921	705.79
LOCATION L0008201	VOLUME	496069.645	3759744.551	705.78
LOCATION L0008202	VOLUME	496061.860	3759748.182	705.83
LOCATION L0008203	VOLUME	496054.075	3759751.812	706.14
LOCATION L0008204	VOLUME	496046.289	3759755.442	706.45
LOCATION L0008205	VOLUME	496038.504	3759759.073	706.70
LOCATION L0008206	VOLUME	496030.719	3759762.703	706.88
LOCATION L0008207	VOLUME	496022.934	3759766.333	706.76
LOCATION L0008208	VOLUME	496015.149	3759769.964	706.62
LOCATION L0008209	VOLUME	496007.364	3759773.594	706.48
LOCATION L0008210	VOLUME	495999.579	3759777.225	706.37
LOCATION L0008211	VOLUME	495991.793	3759780.855	706.49
LOCATION L0008212	VOLUME	495984.008	3759784.485	706.61
LOCATION L0008213	VOLUME	495976.223	3759788.115	706.73
LOCATION L0008214	VOLUME	495968.436	3759791.741	706.80
LOCATION L0008215	VOLUME	495960.649	3759795.368	706.66
LOCATION L0008216	VOLUME	495952.862	3759798.995	706.51
LOCATION L0008217	VOLUME	495945.075	3759802.622	706.37
LOCATION L0008218	VOLUME	495937.288	3759806.248	706.34
LOCATION L0008219	VOLUME	495929.362	3759808.733	706.42
LOCATION L0008220	VOLUME	495920.930	3759807.094	706.36
LOCATION L0008221	VOLUME	495912.498	3759805.454	706.31
LOCATION L0008222	VOLUME	495904.179	3759803.376	706.03
LOCATION L0008223	VOLUME	495896.010	3759800.721	705.67
LOCATION L0008224	VOLUME	495887.840	3759798.066	705.31
LOCATION L0008225	VOLUME	495879.734	3759795.242	705.00
LOCATION L0008226	VOLUME	495871.828	3759791.882	704.96
LOCATION L0008227	VOLUME	495863.923	3759788.523	704.86

LOCATION	L0008228	VOLUME	495856.017	3759785.163	704.70
LOCATION	L0008229	VOLUME	495862.944	3759781.777	704.72
LOCATION	L0008230	VOLUME	495870.838	3759778.390	704.81
LOCATION	L0008231	VOLUME	495878.732	3759775.003	704.96
LOCATION	L0008232	VOLUME	495886.626	3759771.615	705.04
LOCATION	L0008233	VOLUME	495894.520	3759768.228	705.03
LOCATION	L0008234	VOLUME	495902.413	3759764.841	704.96
LOCATION	L0008235	VOLUME	495910.307	3759761.454	704.84
LOCATION	L0008236	VOLUME	495918.201	3759758.066	704.99
LOCATION	L0008237	VOLUME	495926.095	3759754.679	705.14
LOCATION	L0008238	VOLUME	495933.989	3759751.292	705.29
LOCATION	L0008239	VOLUME	495941.883	3759747.905	705.39
LOCATION	L0008240	VOLUME	495949.777	3759744.518	705.28
LOCATION	L0008241	VOLUME	495957.671	3759741.130	705.16
LOCATION	L0008242	VOLUME	495965.565	3759737.743	705.05
LOCATION	L0008243	VOLUME	495973.459	3759734.356	704.94
LOCATION	L0008244	VOLUME	495981.353	3759730.969	704.83
LOCATION	L0008245	VOLUME	495989.247	3759727.581	704.71
LOCATION	L0008246	VOLUME	495997.141	3759724.194	704.60
LOCATION	L0008247	VOLUME	496005.035	3759720.807	704.56
LOCATION	L0008248	VOLUME	496012.929	3759717.420	704.53
LOCATION	L0008249	VOLUME	496020.823	3759714.032	704.44
LOCATION	L0008250	VOLUME	496028.717	3759710.645	704.29
LOCATION	L0008251	VOLUME	496036.565	3759707.159	704.06
LOCATION	L0008252	VOLUME	496041.113	3759711.671	704.30
LOCATION	L0008253	VOLUME	496044.370	3759719.619	704.69
LOCATION	L0008254	VOLUME	496047.628	3759727.568	705.02
LOCATION	L0008255	VOLUME	496050.885	3759735.516	705.29
LOCATION	L0008256	VOLUME	496054.143	3759743.464	705.64

\*\* END OF LINE VOLUME SOURCE ID = SLINE8

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\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

\*\* LINE VOLUME SOURCE ID = SLINE9

\*\* DESCRSRC PARKING LOT 1 W

\*\* PREFIX

\*\* LENGTH OF SIDE = 8.59

\*\* CONFIGURATION = ADJACENT

\*\* EMISSION RATE = 2.459E-06

\*\* VERTICAL DIMENSION = 6.99

\*\* SZINIT = 3.25

\*\* NODES = 2

\*\* 495847.706, 3759784.305, 704.74, 3.49, 4.00

\*\* 495715.959, 3759745.172, 701.86, 3.49, 4.00

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LOCATION	L0008257	VOLUME	495843.589	3759783.082	704.56
LOCATION	L0008258	VOLUME	495835.355	3759780.636	704.48
LOCATION	L0008259	VOLUME	495827.120	3759778.190	704.40
LOCATION	L0008260	VOLUME	495818.886	3759775.744	704.30
LOCATION	L0008261	VOLUME	495810.651	3759773.298	704.16
LOCATION	L0008262	VOLUME	495802.417	3759770.852	704.06
LOCATION	L0008263	VOLUME	495794.183	3759768.407	704.01
LOCATION	L0008264	VOLUME	495785.948	3759765.961	703.84
LOCATION	L0008265	VOLUME	495777.714	3759763.515	703.49
LOCATION	L0008266	VOLUME	495769.479	3759761.069	703.13
LOCATION	L0008267	VOLUME	495761.245	3759758.623	702.78
LOCATION	L0008268	VOLUME	495753.010	3759756.177	702.50
LOCATION	L0008269	VOLUME	495744.776	3759753.731	702.28
LOCATION	L0008270	VOLUME	495736.542	3759751.285	702.10
LOCATION	L0008271	VOLUME	495728.307	3759748.840	702.00
LOCATION	L0008272	VOLUME	495720.073	3759746.394	702.00

\*\* END OF LINE VOLUME SOURCE ID = SLINE9

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\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

\*\* LINE VOLUME SOURCE ID = SLINE10

\*\* DESCRSRC PARKING LOT 2 N

\*\* PREFIX

\*\* LENGTH OF SIDE = 8.59  
\*\* CONFIGURATION = ADJACENT  
\*\* EMISSION RATE = 0.00004997  
\*\* VERTICAL DIMENSION = 6.99  
\*\* SZINIT = 3.25  
\*\* NODES = 9  
\*\* 496121.635, 3759721.040, 704.65, 3.49, 4.00  
\*\* 496179.030, 3759695.604, 703.80, 3.49, 4.00  
\*\* 496199.901, 3759689.734, 703.50, 3.49, 4.00  
\*\* 496561.227, 3759526.681, 716.16, 3.49, 4.00  
\*\* 496553.400, 3759502.549, 716.64, 3.49, 4.00  
\*\* 496537.747, 3759485.592, 716.15, 3.49, 4.00  
\*\* 496522.746, 3759477.765, 715.00, 3.49, 4.00  
\*\* 496152.942, 3759649.297, 701.99, 3.49, 4.00  
\*\* 496171.204, 3759693.647, 703.72, 3.49, 4.00

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LOCATION	L0008273	VOLUME	496125.562	3759719.300	704.44
LOCATION	L0008274	VOLUME	496133.415	3759715.819	704.32
LOCATION	L0008275	VOLUME	496141.269	3759712.339	704.21
LOCATION	L0008276	VOLUME	496149.122	3759708.859	704.09
LOCATION	L0008277	VOLUME	496156.975	3759705.378	703.97
LOCATION	L0008278	VOLUME	496164.829	3759701.898	703.86
LOCATION	L0008279	VOLUME	496172.682	3759698.417	703.74
LOCATION	L0008280	VOLUME	496180.615	3759695.158	703.63
LOCATION	L0008281	VOLUME	496188.884	3759692.832	703.68
LOCATION	L0008282	VOLUME	496197.153	3759690.507	703.77
LOCATION	L0008283	VOLUME	496205.129	3759687.375	703.89
LOCATION	L0008284	VOLUME	496212.959	3759683.841	704.02
LOCATION	L0008285	VOLUME	496220.789	3759680.308	704.05
LOCATION	L0008286	VOLUME	496228.618	3759676.775	704.01
LOCATION	L0008287	VOLUME	496236.448	3759673.242	703.99
LOCATION	L0008288	VOLUME	496244.278	3759669.708	704.13
LOCATION	L0008289	VOLUME	496252.107	3759666.175	704.39
LOCATION	L0008290	VOLUME	496259.937	3759662.642	704.65
LOCATION	L0008291	VOLUME	496267.767	3759659.109	704.91
LOCATION	L0008292	VOLUME	496275.596	3759655.575	705.12
LOCATION	L0008293	VOLUME	496283.426	3759652.042	705.35
LOCATION	L0008294	VOLUME	496291.256	3759648.509	705.64
LOCATION	L0008295	VOLUME	496299.086	3759644.976	705.95
LOCATION	L0008296	VOLUME	496306.915	3759641.442	706.22
LOCATION	L0008297	VOLUME	496314.745	3759637.909	706.48
LOCATION	L0008298	VOLUME	496322.575	3759634.376	706.74
LOCATION	L0008299	VOLUME	496330.404	3759630.843	707.00
LOCATION	L0008300	VOLUME	496338.234	3759627.309	707.36
LOCATION	L0008301	VOLUME	496346.064	3759623.776	707.65
LOCATION	L0008302	VOLUME	496353.893	3759620.243	707.89
LOCATION	L0008303	VOLUME	496361.723	3759616.710	708.10
LOCATION	L0008304	VOLUME	496369.553	3759613.176	708.58
LOCATION	L0008305	VOLUME	496377.383	3759609.643	709.01
LOCATION	L0008306	VOLUME	496385.212	3759606.110	709.37
LOCATION	L0008307	VOLUME	496393.042	3759602.576	709.63
LOCATION	L0008308	VOLUME	496400.872	3759599.043	709.78
LOCATION	L0008309	VOLUME	496408.701	3759595.510	709.92
LOCATION	L0008310	VOLUME	496416.531	3759591.977	710.06
LOCATION	L0008311	VOLUME	496424.361	3759588.443	710.21
LOCATION	L0008312	VOLUME	496432.190	3759584.910	710.39
LOCATION	L0008313	VOLUME	496440.020	3759581.377	710.65
LOCATION	L0008314	VOLUME	496447.850	3759577.844	710.91
LOCATION	L0008315	VOLUME	496455.680	3759574.310	711.28
LOCATION	L0008316	VOLUME	496463.509	3759570.777	711.65
LOCATION	L0008317	VOLUME	496471.339	3759567.244	711.95
LOCATION	L0008318	VOLUME	496479.169	3759563.711	712.20
LOCATION	L0008319	VOLUME	496486.998	3759560.177	712.51
LOCATION	L0008320	VOLUME	496494.828	3759556.644	712.96
LOCATION	L0008321	VOLUME	496502.658	3759553.111	713.48
LOCATION	L0008322	VOLUME	496510.487	3759549.578	714.00

LOCATION	L0008323	VOLUME	496518.317	3759546.044	714.18
LOCATION	L0008324	VOLUME	496526.147	3759542.511	714.48
LOCATION	L0008325	VOLUME	496533.976	3759538.978	714.90
LOCATION	L0008326	VOLUME	496541.806	3759535.445	715.40
LOCATION	L0008327	VOLUME	496549.636	3759531.911	715.68
LOCATION	L0008328	VOLUME	496557.466	3759528.378	715.89
LOCATION	L0008329	VOLUME	496559.849	3759522.435	716.16
LOCATION	L0008330	VOLUME	496557.199	3759514.264	716.44
LOCATION	L0008331	VOLUME	496554.549	3759506.093	716.63
LOCATION	L0008332	VOLUME	496550.100	3759498.975	716.58
LOCATION	L0008333	VOLUME	496544.274	3759492.663	716.37
LOCATION	L0008334	VOLUME	496538.448	3759486.351	716.17
LOCATION	L0008335	VOLUME	496531.047	3759482.096	715.70
LOCATION	L0008336	VOLUME	496523.431	3759478.123	715.13
LOCATION	L0008337	VOLUME	496515.655	3759481.054	714.44
LOCATION	L0008338	VOLUME	496507.862	3759484.669	713.83
LOCATION	L0008339	VOLUME	496500.070	3759488.283	713.31
LOCATION	L0008340	VOLUME	496492.277	3759491.898	712.79
LOCATION	L0008341	VOLUME	496484.485	3759495.512	712.27
LOCATION	L0008342	VOLUME	496476.692	3759499.127	711.75
LOCATION	L0008343	VOLUME	496468.900	3759502.741	711.23
LOCATION	L0008344	VOLUME	496461.107	3759506.356	710.71
LOCATION	L0008345	VOLUME	496453.314	3759509.970	710.19
LOCATION	L0008346	VOLUME	496445.522	3759513.585	709.77
LOCATION	L0008347	VOLUME	496437.729	3759517.199	709.45
LOCATION	L0008348	VOLUME	496429.937	3759520.814	709.19
LOCATION	L0008349	VOLUME	496422.144	3759524.429	709.00
LOCATION	L0008350	VOLUME	496414.352	3759528.043	708.86
LOCATION	L0008351	VOLUME	496406.559	3759531.658	708.72
LOCATION	L0008352	VOLUME	496398.767	3759535.272	708.58
LOCATION	L0008353	VOLUME	496390.974	3759538.887	708.44
LOCATION	L0008354	VOLUME	496383.182	3759542.501	708.30
LOCATION	L0008355	VOLUME	496375.389	3759546.116	708.16
LOCATION	L0008356	VOLUME	496367.597	3759549.730	708.02
LOCATION	L0008357	VOLUME	496359.804	3759553.345	707.88
LOCATION	L0008358	VOLUME	496352.012	3759556.959	707.72
LOCATION	L0008359	VOLUME	496344.219	3759560.574	707.46
LOCATION	L0008360	VOLUME	496336.427	3759564.188	707.20
LOCATION	L0008361	VOLUME	496328.634	3759567.803	706.88
LOCATION	L0008362	VOLUME	496320.842	3759571.417	706.36
LOCATION	L0008363	VOLUME	496313.049	3759575.032	705.84
LOCATION	L0008364	VOLUME	496305.257	3759578.646	705.32
LOCATION	L0008365	VOLUME	496297.464	3759582.261	704.80
LOCATION	L0008366	VOLUME	496289.672	3759585.875	704.28
LOCATION	L0008367	VOLUME	496281.879	3759589.490	703.87
LOCATION	L0008368	VOLUME	496274.087	3759593.104	703.47
LOCATION	L0008369	VOLUME	496266.294	3759596.719	703.21
LOCATION	L0008370	VOLUME	496258.501	3759600.333	703.07
LOCATION	L0008371	VOLUME	496250.709	3759603.948	702.94
LOCATION	L0008372	VOLUME	496242.916	3759607.562	702.80
LOCATION	L0008373	VOLUME	496235.124	3759611.177	702.80
LOCATION	L0008374	VOLUME	496227.331	3759614.792	702.93
LOCATION	L0008375	VOLUME	496219.539	3759618.406	703.02
LOCATION	L0008376	VOLUME	496211.746	3759622.021	703.01
LOCATION	L0008377	VOLUME	496203.954	3759625.635	702.78
LOCATION	L0008378	VOLUME	496196.161	3759629.250	702.52
LOCATION	L0008379	VOLUME	496188.369	3759632.864	702.26
LOCATION	L0008380	VOLUME	496180.576	3759636.479	702.01
LOCATION	L0008381	VOLUME	496172.784	3759640.093	701.95
LOCATION	L0008382	VOLUME	496164.991	3759643.708	701.96
LOCATION	L0008383	VOLUME	496157.199	3759647.322	702.04
LOCATION	L0008384	VOLUME	496154.426	3759652.901	702.22
LOCATION	L0008385	VOLUME	496157.696	3759660.843	702.49
LOCATION	L0008386	VOLUME	496160.967	3759668.786	702.75
LOCATION	L0008387	VOLUME	496164.237	3759676.729	703.02
LOCATION	L0008388	VOLUME	496167.508	3759684.672	703.28



LOCATION L0008389 VOLUME 496170.779 3759692.615 703.55

\*\* END OF LINE VOLUME SOURCE ID = SLINE10

\*\*

\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

\*\* LINE VOLUME SOURCE ID = SLINE11

\*\* DESCRSRC PARKING LOT 2 S

\*\* PREFIX

\*\* LENGTH OF SIDE = 8.59

\*\* CONFIGURATION = ADJACENT

\*\* EMISSION RATE = 0.00001597

\*\* VERTICAL DIMENSION = 6.99

\*\* SZINIT = 3.25

\*\* NODES = 6

\*\* 496517.528, 3759471.895, 714.37, 3.49, 4.00

\*\* 496471.221, 3759439.937, 710.85, 3.49, 4.00

\*\* 496391.651, 3759477.113, 706.07, 3.49, 4.00

\*\* 496370.128, 3759426.240, 705.34, 3.49, 4.00

\*\* 496435.350, 3759396.891, 708.54, 3.49, 4.00

\*\* 496462.742, 3759437.980, 709.53, 3.49, 4.00

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LOCATION L0008390 VOLUME 496513.993 3759469.456 714.34

LOCATION L0008391 VOLUME 496506.924 3759464.576 713.85

LOCATION L0008392 VOLUME 496499.854 3759459.697 713.50

LOCATION L0008393 VOLUME 496492.784 3759454.818 712.91

LOCATION L0008394 VOLUME 496485.714 3759449.939 712.10

LOCATION L0008395 VOLUME 496478.644 3759445.060 711.16

LOCATION L0008396 VOLUME 496471.575 3759440.181 710.50

LOCATION L0008397 VOLUME 496463.828 3759443.391 710.00

LOCATION L0008398 VOLUME 496456.045 3759447.027 709.44

LOCATION L0008399 VOLUME 496448.263 3759450.663 708.89

LOCATION L0008400 VOLUME 496440.480 3759454.299 708.47

LOCATION L0008401 VOLUME 496432.698 3759457.935 707.98

LOCATION L0008402 VOLUME 496424.915 3759461.571 707.43

LOCATION L0008403 VOLUME 496417.133 3759465.207 706.92

LOCATION L0008404 VOLUME 496409.350 3759468.844 706.72

LOCATION L0008405 VOLUME 496401.568 3759472.480 706.58

LOCATION L0008406 VOLUME 496393.785 3759476.116 706.44

LOCATION L0008407 VOLUME 496389.222 3759471.371 706.14

LOCATION L0008408 VOLUME 496385.875 3759463.460 705.92

LOCATION L0008409 VOLUME 496382.528 3759455.549 706.00

LOCATION L0008410 VOLUME 496379.181 3759447.638 706.01

LOCATION L0008411 VOLUME 496375.834 3759439.727 705.97

LOCATION L0008412 VOLUME 496372.487 3759431.816 705.80

LOCATION L0008413 VOLUME 496372.441 3759425.199 705.80

LOCATION L0008414 VOLUME 496380.275 3759421.674 706.32

LOCATION L0008415 VOLUME 496388.108 3759418.149 706.84

LOCATION L0008416 VOLUME 496395.941 3759414.624 707.32

LOCATION L0008417 VOLUME 496403.775 3759411.099 707.82

LOCATION L0008418 VOLUME 496411.608 3759407.574 708.38

LOCATION L0008419 VOLUME 496419.442 3759404.049 708.80

LOCATION L0008420 VOLUME 496427.275 3759400.524 708.67

LOCATION L0008421 VOLUME 496435.108 3759396.999 708.54

LOCATION L0008422 VOLUME 496439.968 3759403.818 708.89

LOCATION L0008423 VOLUME 496444.733 3759410.965 708.97

LOCATION L0008424 VOLUME 496449.498 3759418.113 708.99

LOCATION L0008425 VOLUME 496454.262 3759425.260 709.21

LOCATION L0008426 VOLUME 496459.027 3759432.407 709.54

\*\* END OF LINE VOLUME SOURCE ID = SLINE11

\*\*

\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

\*\* LINE VOLUME SOURCE ID = SLINE12

\*\* DESCRSRC BLDG 1 ONSITE

\*\* PREFIX

\*\* LENGTH OF SIDE = 8.59

\*\* CONFIGURATION = ADJACENT

\*\* EMISSION RATE = 0.00001966

\*\* VERTICAL DIMENSION = 6.99  
\*\* SZINIT = 3.25  
\*\* NODES = 6  
\*\* 495765.389, 3759443.525, 696.05, 3.49, 4.00  
\*\* 495778.694, 3759476.235, 696.99, 3.49, 4.00  
\*\* 495772.596, 3759488.986, 697.79, 3.49, 4.00  
\*\* 495775.368, 3759503.400, 697.87, 3.49, 4.00  
\*\* 495860.190, 3759700.210, 702.82, 3.49, 4.00  
\*\* 495806.414, 3759725.712, 702.75, 3.49, 4.00

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LOCATION	VOLUME	495767.007	3759447.504	696.38
LOCATION L0006793	VOLUME	495767.007	3759447.504	696.38
LOCATION L0006794	VOLUME	495770.244	3759455.461	696.64
LOCATION L0006795	VOLUME	495773.480	3759463.417	696.91
LOCATION L0006796	VOLUME	495776.717	3759471.374	697.17
LOCATION L0006797	VOLUME	495777.252	3759479.250	697.44
LOCATION L0006798	VOLUME	495773.546	3759487.000	697.69
LOCATION L0006799	VOLUME	495773.802	3759495.259	697.97
LOCATION L0006800	VOLUME	495775.487	3759503.676	698.12
LOCATION L0006801	VOLUME	495778.887	3759511.564	698.20
LOCATION L0006802	VOLUME	495782.286	3759519.453	698.21
LOCATION L0006803	VOLUME	495785.686	3759527.341	698.22
LOCATION L0006804	VOLUME	495789.086	3759535.230	698.62
LOCATION L0006805	VOLUME	495792.486	3759543.118	699.19
LOCATION L0006806	VOLUME	495795.886	3759551.007	699.72
LOCATION L0006807	VOLUME	495799.286	3759558.895	699.94
LOCATION L0006808	VOLUME	495802.685	3759566.784	699.79
LOCATION L0006809	VOLUME	495806.085	3759574.673	699.71
LOCATION L0006810	VOLUME	495809.485	3759582.561	699.68
LOCATION L0006811	VOLUME	495812.885	3759590.450	699.89
LOCATION L0006812	VOLUME	495816.285	3759598.338	700.27
LOCATION L0006813	VOLUME	495819.685	3759606.227	700.64
LOCATION L0006814	VOLUME	495823.085	3759614.115	700.94
LOCATION L0006815	VOLUME	495826.484	3759622.004	701.04
LOCATION L0006816	VOLUME	495829.884	3759629.892	701.14
LOCATION L0006817	VOLUME	495833.284	3759637.781	701.31
LOCATION L0006818	VOLUME	495836.684	3759645.669	701.53
LOCATION L0006819	VOLUME	495840.084	3759653.558	701.66
LOCATION L0006820	VOLUME	495843.484	3759661.447	701.77
LOCATION L0006821	VOLUME	495846.884	3759669.335	701.88
LOCATION L0006822	VOLUME	495850.283	3759677.224	702.03
LOCATION L0006823	VOLUME	495853.683	3759685.112	702.37
LOCATION L0006824	VOLUME	495857.083	3759693.001	702.66
LOCATION L0006825	VOLUME	495859.522	3759700.527	702.87
LOCATION L0006826	VOLUME	495851.760	3759704.208	702.94
LOCATION L0006827	VOLUME	495843.999	3759707.888	702.84
LOCATION L0006828	VOLUME	495836.237	3759711.569	702.71
LOCATION L0006829	VOLUME	495828.476	3759715.250	702.57
LOCATION L0006830	VOLUME	495820.714	3759718.930	702.43
LOCATION L0006831	VOLUME	495812.953	3759722.611	702.55

\*\* END OF LINE VOLUME SOURCE ID = SLINE12

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\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES  
\*\* LINE VOLUME SOURCE ID = SLINE13  
\*\* DESCRSRC BLDG 2 ONSITE  
\*\* PREFIX  
\*\* LENGTH OF SIDE = 8.59  
\*\* CONFIGURATION = ADJACENT  
\*\* EMISSION RATE = 0.00004981  
\*\* VERTICAL DIMENSION = 6.99  
\*\* SZINIT = 3.25  
\*\* NODES = 13  
\*\* 495764.834, 3759444.634, 696.06, 3.49, 4.00  
\*\* 495781.466, 3759481.778, 697.64, 3.49, 4.00  
\*\* 495794.772, 3759492.312, 697.95, 3.49, 4.00  
\*\* 495805.305, 3759507.281, 697.92, 3.49, 4.00  
\*\* 495816.393, 3759526.684, 699.92, 3.49, 4.00

\*\* 495900.661, 3759721.831, 704.07, 3.49, 4.00  
\*\* 496050.902, 3759653.086, 704.07, 3.49, 4.00  
\*\* 495950.002, 3759422.458, 694.67, 3.49, 4.00  
\*\* 495946.121, 3759415.806, 694.07, 3.49, 4.00  
\*\* 495930.598, 3759406.935, 694.17, 3.49, 4.00  
\*\* 495914.521, 3759396.956, 694.91, 3.49, 4.00  
\*\* 495903.987, 3759382.542, 694.95, 3.49, 4.00  
\*\* 495892.899, 3759363.692, 695.00, 3.49, 4.00

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LOCATION L0006832 VOLUME 495766.589 3759448.554 696.41  
LOCATION L0006833 VOLUME 495770.100 3759456.394 696.67  
LOCATION L0006834 VOLUME 495773.610 3759464.234 696.93  
LOCATION L0006835 VOLUME 495777.121 3759472.074 697.20  
LOCATION L0006836 VOLUME 495780.631 3759479.914 697.46  
LOCATION L0006837 VOLUME 495786.599 3759485.842 697.66  
LOCATION L0006838 VOLUME 495793.334 3759491.174 697.82  
LOCATION L0006839 VOLUME 495798.660 3759497.838 698.03  
LOCATION L0006840 VOLUME 495803.604 3759504.863 698.25  
LOCATION L0006841 VOLUME 495808.100 3759512.172 698.63  
LOCATION L0006842 VOLUME 495812.362 3759519.630 699.14  
LOCATION L0006843 VOLUME 495816.577 3759527.111 699.75  
LOCATION L0006844 VOLUME 495819.983 3759534.997 699.98  
LOCATION L0006845 VOLUME 495823.388 3759542.884 700.00  
LOCATION L0006846 VOLUME 495826.793 3759550.770 700.00  
LOCATION L0006847 VOLUME 495830.199 3759558.656 700.03  
LOCATION L0006848 VOLUME 495833.604 3759566.542 700.15  
LOCATION L0006849 VOLUME 495837.010 3759574.428 700.34  
LOCATION L0006850 VOLUME 495840.415 3759582.314 700.58  
LOCATION L0006851 VOLUME 495843.820 3759590.201 700.81  
LOCATION L0006852 VOLUME 495847.226 3759598.087 700.94  
LOCATION L0006853 VOLUME 495850.631 3759605.973 701.01  
LOCATION L0006854 VOLUME 495854.037 3759613.859 701.15  
LOCATION L0006855 VOLUME 495857.442 3759621.745 701.42  
LOCATION L0006856 VOLUME 495860.847 3759629.631 701.80  
LOCATION L0006857 VOLUME 495864.253 3759637.517 702.17  
LOCATION L0006858 VOLUME 495867.658 3759645.404 702.55  
LOCATION L0006859 VOLUME 495871.063 3759653.290 702.69  
LOCATION L0006860 VOLUME 495874.469 3759661.176 702.80  
LOCATION L0006861 VOLUME 495877.874 3759669.062 702.92  
LOCATION L0006862 VOLUME 495881.280 3759676.948 703.00  
LOCATION L0006863 VOLUME 495884.685 3759684.834 703.04  
LOCATION L0006864 VOLUME 495888.090 3759692.721 703.14  
LOCATION L0006865 VOLUME 495891.496 3759700.607 703.30  
LOCATION L0006866 VOLUME 495894.901 3759708.493 703.52  
LOCATION L0006867 VOLUME 495898.307 3759716.379 703.73  
LOCATION L0006868 VOLUME 495903.072 3759720.728 703.87  
LOCATION L0006869 VOLUME 495910.883 3759717.154 704.01  
LOCATION L0006870 VOLUME 495918.694 3759713.580 704.07  
LOCATION L0006871 VOLUME 495926.505 3759710.006 704.07  
LOCATION L0006872 VOLUME 495934.316 3759706.432 704.01  
LOCATION L0006873 VOLUME 495942.127 3759702.858 703.89  
LOCATION L0006874 VOLUME 495949.939 3759699.284 703.77  
LOCATION L0006875 VOLUME 495957.750 3759695.709 703.65  
LOCATION L0006876 VOLUME 495965.561 3759692.135 703.53  
LOCATION L0006877 VOLUME 495973.372 3759688.561 703.41  
LOCATION L0006878 VOLUME 495981.183 3759684.987 703.29  
LOCATION L0006879 VOLUME 495988.994 3759681.413 703.17  
LOCATION L0006880 VOLUME 495996.805 3759677.839 703.06  
LOCATION L0006881 VOLUME 496004.617 3759674.265 703.14  
LOCATION L0006882 VOLUME 496012.428 3759670.691 703.40  
LOCATION L0006883 VOLUME 496020.239 3759667.117 703.66  
LOCATION L0006884 VOLUME 496028.050 3759663.543 703.92  
LOCATION L0006885 VOLUME 496035.861 3759659.968 704.00  
LOCATION L0006886 VOLUME 496043.672 3759656.394 704.00  
LOCATION L0006887 VOLUME 496050.646 3759652.500 704.00  
LOCATION L0006888 VOLUME 496047.202 3759644.631 704.10

LOCATION	VOLUME				
L0006889	496043.759	3759636.761	704.63		
L0006890	496040.316	3759628.891	705.15		
L0006891	496036.873	3759621.021	705.68		
L0006892	496033.430	3759613.152	706.10		
L0006893	496029.987	3759605.282	706.36		
L0006894	496026.544	3759597.412	706.54		
L0006895	496023.101	3759589.542	706.67		
L0006896	496019.658	3759581.672	706.34		
L0006897	496016.215	3759573.803	705.70		
L0006898	496012.772	3759565.933	705.06		
L0006899	496009.329	3759558.063	704.42		
L0006900	496005.886	3759550.193	703.02		
L0006901	496002.443	3759542.323	701.33		
L0006902	495999.000	3759534.454	699.87		
L0006903	495995.557	3759526.584	699.04		
L0006904	495992.114	3759518.714	698.96		
L0006905	495988.671	3759510.844	698.73		
L0006906	495985.228	3759502.974	698.32		
L0006907	495981.785	3759495.105	697.76		
L0006908	495978.342	3759487.235	697.25		
L0006909	495974.899	3759479.365	696.56		
L0006910	495971.456	3759471.495	695.69		
L0006911	495968.013	3759463.625	695.00		
L0006912	495964.570	3759455.756	695.00		
L0006913	495961.127	3759447.886	695.00		
L0006914	495957.684	3759440.016	695.00		
L0006915	495954.241	3759432.146	694.87		
L0006916	495950.798	3759424.277	694.60		
L0006917	495946.674	3759416.753	694.35		
L0006918	495939.615	3759412.088	694.22		
L0006919	495932.157	3759407.826	694.32		
L0006920	495924.825	3759403.352	694.52		
L0006921	495917.527	3759398.822	694.76		
L0006922	495911.540	3759392.877	694.96		
L0006923	495906.472	3759385.942	695.00		
L0006924	495901.767	3759378.767	695.00		
L0006925	495897.412	3759371.363	695.00		
L0006926	495893.056	3759363.959	695.00		

\*\* END OF LINE VOLUME SOURCE ID = SLINE13

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\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

\*\* LINE VOLUME SOURCE ID = SLINE14

\*\* DESCRSRC BLDG 3 ONSITE S 25%

\*\* PREFIX

\*\* LENGTH OF SIDE = 8.59

\*\* CONFIGURATION = ADJACENT

\*\* EMISSION RATE = 0.00002212

\*\* VERTICAL DIMENSION = 6.99

\*\* SZINIT = 3.25

\*\* NODES = 14

** 495890.682, 3759363.692, 695.00, 3.49, 4.00
** 495910.086, 3759390.858, 694.92, 3.49, 4.00
** 495917.293, 3759398.619, 694.87, 3.49, 4.00
** 495930.598, 3759406.935, 694.17, 3.49, 4.00
** 495978.831, 3759434.655, 694.93, 3.49, 4.00
** 495988.255, 3759446.297, 694.93, 3.49, 4.00
** 496000.452, 3759464.592, 695.00, 3.49, 4.00
** 496017.084, 3759504.509, 696.09, 3.49, 4.00
** 496285.411, 3759383.651, 701.39, 3.49, 4.00
** 496293.172, 3759376.998, 702.02, 3.49, 4.00
** 496295.944, 3759368.682, 702.12, 3.49, 4.00
** 496231.080, 3759221.767, 700.56, 3.49, 4.00
** 496223.319, 3759196.265, 695.00, 3.49, 4.00
** 496208.350, 3759172.981, 695.00, 3.49, 4.00

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LOCATION L0006927	VOLUME	495893.178	3759367.187	695.00	
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LOCATION	L0006928	VOLUME	495898.171	3759374.177	695.00
LOCATION	L0006929	VOLUME	495903.164	3759381.167	695.00
LOCATION	L0006930	VOLUME	495908.157	3759388.157	695.00
LOCATION	L0006931	VOLUME	495913.673	3759394.721	694.89
LOCATION	L0006932	VOLUME	495920.065	3759400.352	694.68
LOCATION	L0006933	VOLUME	495927.350	3759404.905	694.44
LOCATION	L0006934	VOLUME	495934.725	3759409.307	694.27
LOCATION	L0006935	VOLUME	495942.172	3759413.587	694.25
LOCATION	L0006936	VOLUME	495949.620	3759417.867	694.39
LOCATION	L0006937	VOLUME	495957.068	3759422.147	694.53
LOCATION	L0006938	VOLUME	495964.515	3759426.428	694.67
LOCATION	L0006939	VOLUME	495971.963	3759430.708	694.82
LOCATION	L0006940	VOLUME	495979.251	3759435.175	694.97
LOCATION	L0006941	VOLUME	495984.656	3759441.851	695.00
LOCATION	L0006942	VOLUME	495989.847	3759448.685	695.00
LOCATION	L0006943	VOLUME	495994.612	3759455.833	695.00
LOCATION	L0006944	VOLUME	495999.377	3759462.980	695.00
LOCATION	L0006945	VOLUME	496003.010	3759470.733	695.15
LOCATION	L0006946	VOLUME	496006.314	3759478.662	695.42
LOCATION	L0006947	VOLUME	496009.618	3759486.591	695.68
LOCATION	L0006948	VOLUME	496012.922	3759494.520	695.94
LOCATION	L0006949	VOLUME	496016.226	3759502.450	696.64
LOCATION	L0006950	VOLUME	496022.882	3759501.897	696.67
LOCATION	L0006951	VOLUME	496030.714	3759498.369	696.30
LOCATION	L0006952	VOLUME	496038.546	3759494.842	696.23
LOCATION	L0006953	VOLUME	496046.379	3759491.314	696.37
LOCATION	L0006954	VOLUME	496054.211	3759487.786	696.51
LOCATION	L0006955	VOLUME	496062.043	3759484.258	696.60
LOCATION	L0006956	VOLUME	496069.875	3759480.731	696.48
LOCATION	L0006957	VOLUME	496077.707	3759477.203	696.37
LOCATION	L0006958	VOLUME	496085.540	3759473.675	696.25
LOCATION	L0006959	VOLUME	496093.372	3759470.147	696.13
LOCATION	L0006960	VOLUME	496101.204	3759466.620	696.01
LOCATION	L0006961	VOLUME	496109.036	3759463.092	695.90
LOCATION	L0006962	VOLUME	496116.868	3759459.564	695.78
LOCATION	L0006963	VOLUME	496124.701	3759456.037	695.80
LOCATION	L0006964	VOLUME	496132.533	3759452.509	695.95
LOCATION	L0006965	VOLUME	496140.365	3759448.981	696.09
LOCATION	L0006966	VOLUME	496148.197	3759445.453	696.23
LOCATION	L0006967	VOLUME	496156.029	3759441.926	696.38
LOCATION	L0006968	VOLUME	496163.862	3759438.398	696.52
LOCATION	L0006969	VOLUME	496171.694	3759434.870	696.71
LOCATION	L0006970	VOLUME	496179.526	3759431.343	696.97
LOCATION	L0006971	VOLUME	496187.358	3759427.815	697.40
LOCATION	L0006972	VOLUME	496195.190	3759424.287	697.79
LOCATION	L0006973	VOLUME	496203.023	3759420.759	698.12
LOCATION	L0006974	VOLUME	496210.855	3759417.232	698.38
LOCATION	L0006975	VOLUME	496218.687	3759413.704	698.53
LOCATION	L0006976	VOLUME	496226.519	3759410.176	698.67
LOCATION	L0006977	VOLUME	496234.351	3759406.648	698.81
LOCATION	L0006978	VOLUME	496242.184	3759403.121	699.12
LOCATION	L0006979	VOLUME	496250.016	3759399.593	699.64
LOCATION	L0006980	VOLUME	496257.848	3759396.065	700.16
LOCATION	L0006981	VOLUME	496265.680	3759392.538	700.68
LOCATION	L0006982	VOLUME	496273.512	3759389.010	701.10
LOCATION	L0006983	VOLUME	496281.345	3759385.482	701.36
LOCATION	L0006984	VOLUME	496288.547	3759380.963	701.60
LOCATION	L0006985	VOLUME	496293.962	3759374.628	701.84
LOCATION	L0006986	VOLUME	496295.006	3759366.558	702.14
LOCATION	L0006987	VOLUME	496291.537	3759358.700	702.29
LOCATION	L0006988	VOLUME	496288.067	3759350.841	702.43
LOCATION	L0006989	VOLUME	496284.598	3759342.983	702.62
LOCATION	L0006990	VOLUME	496281.128	3759335.125	702.75
LOCATION	L0006991	VOLUME	496277.659	3759327.267	702.70
LOCATION	L0006992	VOLUME	496274.190	3759319.409	702.46
LOCATION	L0006993	VOLUME	496270.720	3759311.550	702.04

LOCATION L0006994	VOLUME	496267.251	3759303.692	701.74
LOCATION L0006995	VOLUME	496263.781	3759295.834	701.41
LOCATION L0006996	VOLUME	496260.312	3759287.976	701.01
LOCATION L0006997	VOLUME	496256.842	3759280.118	701.06
LOCATION L0006998	VOLUME	496253.373	3759272.260	701.16
LOCATION L0006999	VOLUME	496249.903	3759264.401	701.13
LOCATION L0007000	VOLUME	496246.434	3759256.543	700.98
LOCATION L0007001	VOLUME	496242.964	3759248.685	700.92
LOCATION L0007002	VOLUME	496239.495	3759240.827	700.93
LOCATION L0007003	VOLUME	496236.025	3759232.969	700.86
LOCATION L0007004	VOLUME	496232.556	3759225.111	700.23
LOCATION L0007005	VOLUME	496229.643	3759217.046	698.37
LOCATION L0007006	VOLUME	496227.142	3759208.828	696.83
LOCATION L0007007	VOLUME	496224.641	3759200.610	695.57
LOCATION L0007008	VOLUME	496221.129	3759192.860	695.00
LOCATION L0007009	VOLUME	496216.484	3759185.634	695.00
LOCATION L0007010	VOLUME	496211.839	3759178.408	695.00

\*\* END OF LINE VOLUME SOURCE ID = SLINE14

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\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

\*\* LINE VOLUME SOURCE ID = SLINE15

\*\* DESCRSRC BLDG 3 ONSITE N 50%

\*\* PREFIX

\*\* LENGTH OF SIDE = 8.59

\*\* CONFIGURATION = ADJACENT

\*\* EMISSION RATE = 0.0000194

\*\* VERTICAL DIMENSION = 6.99

\*\* SZINIT = 3.25

\*\* NODES = 8

\*\* 495891.791, 3759363.692, 695.00, 3.49, 4.00

\*\* 495912.303, 3759393.075, 694.91, 3.49, 4.00

\*\* 495922.837, 3759401.946, 694.71, 3.49, 4.00

\*\* 495973.841, 3759431.329, 694.95, 3.49, 4.00

\*\* 495988.255, 3759446.852, 694.93, 3.49, 4.00

\*\* 496004.333, 3759472.354, 695.00, 3.49, 4.00

\*\* 496078.067, 3759640.890, 703.66, 3.49, 4.00

\*\* 496343.622, 3759521.695, 706.28, 3.49, 4.00

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LOCATION L0007011 VOLUME 495894.249 3759367.214 695.00  
LOCATION L0007012 VOLUME 495899.166 3759374.258 695.00  
LOCATION L0007013 VOLUME 495904.083 3759381.301 695.00  
LOCATION L0007014 VOLUME 495909.001 3759388.344 695.00  
LOCATION L0007015 VOLUME 495914.461 3759394.892 694.87  
LOCATION L0007016 VOLUME 495921.031 3759400.425 694.65  
LOCATION L0007017 VOLUME 495928.235 3759405.055 694.41  
LOCATION L0007018 VOLUME 495935.678 3759409.343 694.25  
LOCATION L0007019 VOLUME 495943.121 3759413.631 694.25  
LOCATION L0007020 VOLUME 495950.564 3759417.919 694.39  
LOCATION L0007021 VOLUME 495958.007 3759422.207 694.53  
LOCATION L0007022 VOLUME 495965.451 3759426.495 694.68  
LOCATION L0007023 VOLUME 495972.894 3759430.783 694.82  
LOCATION L0007024 VOLUME 495978.942 3759436.822 695.00  
LOCATION L0007025 VOLUME 495984.787 3759443.117 695.00  
LOCATION L0007026 VOLUME 495990.118 3759449.807 695.00  
LOCATION L0007027 VOLUME 495994.699 3759457.073 695.00  
LOCATION L0007028 VOLUME 495999.281 3759464.340 695.00  
LOCATION L0007029 VOLUME 496003.862 3759471.606 695.18  
LOCATION L0007030 VOLUME 496007.422 3759479.414 695.44  
LOCATION L0007031 VOLUME 496010.865 3759487.284 695.70  
LOCATION L0007032 VOLUME 496014.308 3759495.154 695.97  
LOCATION L0007033 VOLUME 496017.751 3759503.024 696.72  
LOCATION L0007034 VOLUME 496021.194 3759510.893 697.66  
LOCATION L0007035 VOLUME 496024.637 3759518.763 698.72  
LOCATION L0007036 VOLUME 496028.080 3759526.633 699.92  
LOCATION L0007037 VOLUME 496031.523 3759534.503 701.41  
LOCATION L0007038 VOLUME 496034.966 3759542.373 702.77

LOCATION	VOLUME				
LOCATION L0007039	VOLUME	496038.409	3759550.242	704.06	
LOCATION L0007040	VOLUME	496041.852	3759558.112	705.13	
LOCATION L0007041	VOLUME	496045.295	3759565.982	705.65	
LOCATION L0007042	VOLUME	496048.738	3759573.852	706.18	
LOCATION L0007043	VOLUME	496052.181	3759581.721	706.70	
LOCATION L0007044	VOLUME	496055.624	3759589.591	706.89	
LOCATION L0007045	VOLUME	496059.067	3759597.461	706.62	
LOCATION L0007046	VOLUME	496062.510	3759605.331	706.08	
LOCATION L0007047	VOLUME	496065.953	3759613.201	705.36	
LOCATION L0007048	VOLUME	496069.396	3759621.070	704.62	
LOCATION L0007049	VOLUME	496072.839	3759628.940	704.02	
LOCATION L0007050	VOLUME	496076.282	3759636.810	703.60	
LOCATION L0007051	VOLUME	496081.841	3759639.196	703.25	
LOCATION L0007052	VOLUME	496089.678	3759635.678	702.70	
LOCATION L0007053	VOLUME	496097.515	3759632.161	702.30	
LOCATION L0007054	VOLUME	496105.352	3759628.643	701.92	
LOCATION L0007055	VOLUME	496113.188	3759625.125	701.54	
LOCATION L0007056	VOLUME	496121.025	3759621.608	701.18	
LOCATION L0007057	VOLUME	496128.862	3759618.090	701.06	
LOCATION L0007058	VOLUME	496136.699	3759614.573	700.95	
LOCATION L0007059	VOLUME	496144.536	3759611.055	700.83	
LOCATION L0007060	VOLUME	496152.372	3759607.538	700.78	
LOCATION L0007061	VOLUME	496160.209	3759604.020	700.92	
LOCATION L0007062	VOLUME	496168.046	3759600.503	701.06	
LOCATION L0007063	VOLUME	496175.883	3759596.985	701.21	
LOCATION L0007064	VOLUME	496183.719	3759593.467	701.27	
LOCATION L0007065	VOLUME	496191.556	3759589.950	701.17	
LOCATION L0007066	VOLUME	496199.393	3759586.432	701.01	
LOCATION L0007067	VOLUME	496207.230	3759582.915	700.99	
LOCATION L0007068	VOLUME	496215.066	3759579.397	701.15	
LOCATION L0007069	VOLUME	496222.903	3759575.880	701.42	
LOCATION L0007070	VOLUME	496230.740	3759572.362	701.68	
LOCATION L0007071	VOLUME	496238.577	3759568.845	701.94	
LOCATION L0007072	VOLUME	496246.414	3759565.327	702.20	
LOCATION L0007073	VOLUME	496254.250	3759561.810	702.46	
LOCATION L0007074	VOLUME	496262.087	3759558.292	702.72	
LOCATION L0007075	VOLUME	496269.924	3759554.774	702.98	
LOCATION L0007076	VOLUME	496277.761	3759551.257	703.49	
LOCATION L0007077	VOLUME	496285.597	3759547.739	704.01	
LOCATION L0007078	VOLUME	496293.434	3759544.222	704.53	
LOCATION L0007079	VOLUME	496301.271	3759540.704	705.04	
LOCATION L0007080	VOLUME	496309.108	3759537.187	705.40	
LOCATION L0007081	VOLUME	496316.944	3759533.669	705.69	
LOCATION L0007082	VOLUME	496324.781	3759530.152	705.92	
LOCATION L0007083	VOLUME	496332.618	3759526.634	706.09	
LOCATION L0007084	VOLUME	496340.455	3759523.117	706.33	

\*\* END OF LINE VOLUME SOURCE ID = SLINE15

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\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

\*\* LINE VOLUME SOURCE ID = SLINE16

\*\* DESCRSRC BLDG 4 ONSITE

\*\* PREFIX

\*\* LENGTH OF SIDE = 8.59

\*\* CONFIGURATION = ADJACENT

\*\* EMISSION RATE = 0.00003907

\*\* VERTICAL DIMENSION = 6.99

\*\* SZINIT = 3.25

\*\* NODES = 11

\*\* 495891.236, 3759363.138, 695.00, 3.49, 4.00

\*\* 495915.075, 3759396.956, 694.90, 3.49, 4.00

\*\* 495933.925, 3759409.153, 694.08, 3.49, 4.00

\*\* 495970.515, 3759428.557, 694.90, 3.49, 4.00

\*\* 495986.592, 3759443.525, 694.93, 3.49, 4.00

\*\* 495999.898, 3759465.701, 695.00, 3.49, 4.00

\*\* 496265.452, 3759345.397, 701.91, 3.49, 4.00

\*\* 496283.193, 3759336.527, 702.12, 3.49, 4.00

\*\* 496224.982, 3759205.136, 695.00, 3.49, 4.00  
\*\* 496222.764, 3759194.602, 695.00, 3.49, 4.00  
\*\* 496207.795, 3759172.426, 695.00, 3.49, 4.00

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LOCATION L0007085 VOLUME 495893.711 3759366.649 695.00  
LOCATION L0007086 VOLUME 495898.660 3759373.669 695.00  
LOCATION L0007087 VOLUME 495903.609 3759380.690 695.00  
LOCATION L0007088 VOLUME 495908.558 3759387.711 695.00  
LOCATION L0007089 VOLUME 495913.508 3759394.732 694.90  
LOCATION L0007090 VOLUME 495920.003 3759400.145 694.68  
LOCATION L0007091 VOLUME 495927.215 3759404.811 694.44  
LOCATION L0007092 VOLUME 495934.453 3759409.433 694.29  
LOCATION L0007093 VOLUME 495942.042 3759413.457 694.24  
LOCATION L0007094 VOLUME 495949.631 3759417.482 694.38  
LOCATION L0007095 VOLUME 495957.220 3759421.506 694.51  
LOCATION L0007096 VOLUME 495964.809 3759425.531 694.64  
LOCATION L0007097 VOLUME 495972.075 3759430.009 694.79  
LOCATION L0007098 VOLUME 495978.361 3759435.862 694.99  
LOCATION L0007099 VOLUME 495984.648 3759441.716 695.00  
LOCATION L0007100 VOLUME 495989.645 3759448.614 695.00  
LOCATION L0007101 VOLUME 495994.065 3759455.980 695.00  
LOCATION L0007102 VOLUME 495998.484 3759463.346 695.00  
LOCATION L0007103 VOLUME 496005.220 3759463.290 694.98  
LOCATION L0007104 VOLUME 496013.045 3759459.745 694.91  
LOCATION L0007105 VOLUME 496020.869 3759456.200 694.77  
LOCATION L0007106 VOLUME 496028.694 3759452.656 694.58  
LOCATION L0007107 VOLUME 496036.518 3759449.111 694.52  
LOCATION L0007108 VOLUME 496044.343 3759445.566 694.46  
LOCATION L0007109 VOLUME 496052.167 3759442.021 694.34  
LOCATION L0007110 VOLUME 496059.992 3759438.477 694.15  
LOCATION L0007111 VOLUME 496067.816 3759434.932 694.24  
LOCATION L0007112 VOLUME 496075.641 3759431.387 694.43  
LOCATION L0007113 VOLUME 496083.465 3759427.843 694.55  
LOCATION L0007114 VOLUME 496091.290 3759424.298 694.62  
LOCATION L0007115 VOLUME 496099.114 3759420.753 694.63  
LOCATION L0007116 VOLUME 496106.939 3759417.208 694.72  
LOCATION L0007117 VOLUME 496114.763 3759413.664 694.86  
LOCATION L0007118 VOLUME 496122.588 3759410.119 695.07  
LOCATION L0007119 VOLUME 496130.412 3759406.574 695.33  
LOCATION L0007120 VOLUME 496138.237 3759403.030 695.49  
LOCATION L0007121 VOLUME 496146.061 3759399.485 695.63  
LOCATION L0007122 VOLUME 496153.886 3759395.940 695.77  
LOCATION L0007123 VOLUME 496161.710 3759392.395 695.92  
LOCATION L0007124 VOLUME 496169.535 3759388.851 696.06  
LOCATION L0007125 VOLUME 496177.359 3759385.306 696.20  
LOCATION L0007126 VOLUME 496185.184 3759381.761 696.47  
LOCATION L0007127 VOLUME 496193.008 3759378.217 696.88  
LOCATION L0007128 VOLUME 496200.833 3759374.672 697.33  
LOCATION L0007129 VOLUME 496208.657 3759371.127 697.72  
LOCATION L0007130 VOLUME 496216.482 3759367.582 697.97  
LOCATION L0007131 VOLUME 496224.307 3759364.038 698.24  
LOCATION L0007132 VOLUME 496232.131 3759360.493 698.58  
LOCATION L0007133 VOLUME 496239.956 3759356.948 698.97  
LOCATION L0007134 VOLUME 496247.780 3759353.404 699.68  
LOCATION L0007135 VOLUME 496255.605 3759349.859 700.46  
LOCATION L0007136 VOLUME 496263.429 3759346.314 701.30  
LOCATION L0007137 VOLUME 496271.149 3759342.549 702.03  
LOCATION L0007138 VOLUME 496278.832 3759338.708 702.49  
LOCATION L0007139 VOLUME 496281.689 3759333.131 702.86  
LOCATION L0007140 VOLUME 496278.209 3759325.278 702.80  
LOCATION L0007141 VOLUME 496274.730 3759317.424 702.55  
LOCATION L0007142 VOLUME 496271.250 3759309.570 702.10  
LOCATION L0007143 VOLUME 496267.771 3759301.716 701.78  
LOCATION L0007144 VOLUME 496264.291 3759293.863 701.44  
LOCATION L0007145 VOLUME 496260.812 3759286.009 701.05  
LOCATION L0007146 VOLUME 496257.332 3759278.155 701.26



LOCATION	VOLUME				
LOCATION L0007147	VOLUME	496253.853	3759270.302	701.34	
LOCATION L0007148	VOLUME	496250.373	3759262.448	701.31	
LOCATION L0007149	VOLUME	496246.894	3759254.594	701.18	
LOCATION L0007150	VOLUME	496243.414	3759246.740	701.13	
LOCATION L0007151	VOLUME	496239.935	3759238.887	701.10	
LOCATION L0007152	VOLUME	496236.455	3759231.033	701.01	
LOCATION L0007153	VOLUME	496232.976	3759223.179	699.96	
LOCATION L0007154	VOLUME	496229.496	3759215.325	698.07	
LOCATION L0007155	VOLUME	496226.017	3759207.472	696.55	
LOCATION L0007156	VOLUME	496223.738	3759199.230	695.37	
LOCATION L0007157	VOLUME	496220.604	3759191.402	695.00	
LOCATION L0007158	VOLUME	496215.798	3759184.282	695.00	
LOCATION L0007159	VOLUME	496210.992	3759177.163	695.00	

\*\* END OF LINE VOLUME SOURCE ID = SLINE16

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\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

\*\* LINE VOLUME SOURCE ID = SLINE17

\*\* DESCRSRC TTP CALIMESA 30%

\*\* PREFIX

\*\* LENGTH OF SIDE = 14.00

\*\* CONFIGURATION = ADJACENT

\*\* EMISSION RATE = 0.00001915

\*\* VERTICAL DIMENSION = 6.99

\*\* SZINIT = 3.25

\*\* NODES = 19

** 495885.521, 3759348.965, 695.00, 3.49, 6.51
** 495995.985, 3759290.547, 694.03, 3.49, 6.51
** 496107.512, 3759226.817, 695.00, 3.49, 6.51
** 496153.185, 3759197.077, 695.00, 3.49, 6.51
** 496216.914, 3759145.031, 695.00, 3.49, 6.51
** 496362.430, 3759013.323, 695.04, 3.49, 6.51
** 496484.842, 3758902.040, 702.15, 3.49, 6.51
** 496563.280, 3758837.785, 705.09, 3.49, 6.51
** 496612.485, 3758805.946, 705.13, 3.49, 6.51
** 496660.532, 3758782.212, 705.09, 3.49, 6.51
** 496695.943, 3758771.392, 705.13, 3.49, 6.51
** 496743.616, 3758756.569, 706.06, 3.49, 6.51
** 496784.478, 3758747.355, 706.03, 3.49, 6.51
** 496810.518, 3758740.945, 706.98, 3.49, 6.51
** 496827.745, 3758734.535, 706.95, 3.49, 6.51
** 496847.775, 3758720.914, 708.02, 3.49, 6.51
** 496864.601, 3758703.688, 708.94, 3.49, 6.51
** 496877.421, 3758685.660, 709.06, 3.49, 6.51
** 496881.427, 3758667.232, 710.52, 3.49, 6.51

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LOCATION	VOLUME				
LOCATION L0004110	VOLUME	495891.709	3759345.693	695.00	
LOCATION L0004111	VOLUME	495904.085	3759339.148	695.00	
LOCATION L0004112	VOLUME	495916.461	3759332.603	694.89	
LOCATION L0004113	VOLUME	495928.837	3759326.058	694.80	
LOCATION L0004114	VOLUME	495941.213	3759319.513	694.87	
LOCATION L0004115	VOLUME	495953.588	3759312.968	694.50	
LOCATION L0004116	VOLUME	495965.964	3759306.423	694.10	
LOCATION L0004117	VOLUME	495978.340	3759299.878	694.00	
LOCATION L0004118	VOLUME	495990.716	3759293.333	694.00	
LOCATION L0004119	VOLUME	496002.966	3759286.558	694.00	
LOCATION L0004120	VOLUME	496015.121	3759279.612	694.22	
LOCATION L0004121	VOLUME	496027.276	3759272.666	694.45	
LOCATION L0004122	VOLUME	496039.432	3759265.720	694.68	
LOCATION L0004123	VOLUME	496051.587	3759258.774	694.91	
LOCATION L0004124	VOLUME	496063.743	3759251.828	695.00	
LOCATION L0004125	VOLUME	496075.898	3759244.882	695.00	
LOCATION L0004126	VOLUME	496088.053	3759237.936	695.00	
LOCATION L0004127	VOLUME	496100.209	3759230.990	695.00	
LOCATION L0004128	VOLUME	496112.195	3759223.768	695.00	
LOCATION L0004129	VOLUME	496123.927	3759216.128	695.00	
LOCATION L0004130	VOLUME	496135.659	3759208.489	695.00	

LOCATION	L0004131	VOLUME	496147.391	3759200.849	695.00
LOCATION	L0004132	VOLUME	496158.673	3759192.594	695.00
LOCATION	L0004133	VOLUME	496169.517	3759183.739	695.00
LOCATION	L0004134	VOLUME	496180.360	3759174.884	695.00
LOCATION	L0004135	VOLUME	496191.204	3759166.028	695.00
LOCATION	L0004136	VOLUME	496202.047	3759157.173	695.00
LOCATION	L0004137	VOLUME	496212.891	3759148.317	695.00
LOCATION	L0004138	VOLUME	496223.442	3759139.122	695.00
LOCATION	L0004139	VOLUME	496233.822	3759129.728	695.00
LOCATION	L0004140	VOLUME	496244.202	3759120.333	695.00
LOCATION	L0004141	VOLUME	496254.581	3759110.938	695.00
LOCATION	L0004142	VOLUME	496264.961	3759101.543	695.00
LOCATION	L0004143	VOLUME	496275.341	3759092.149	695.00
LOCATION	L0004144	VOLUME	496285.721	3759082.754	695.00
LOCATION	L0004145	VOLUME	496296.100	3759073.359	695.01
LOCATION	L0004146	VOLUME	496306.480	3759063.964	695.00
LOCATION	L0004147	VOLUME	496316.860	3759054.569	695.00
LOCATION	L0004148	VOLUME	496327.239	3759045.175	695.04
LOCATION	L0004149	VOLUME	496337.619	3759035.780	695.26
LOCATION	L0004150	VOLUME	496347.999	3759026.385	695.27
LOCATION	L0004151	VOLUME	496358.379	3759016.990	695.07
LOCATION	L0004152	VOLUME	496368.746	3759007.582	695.49
LOCATION	L0004153	VOLUME	496379.105	3758998.164	695.83
LOCATION	L0004154	VOLUME	496389.464	3758988.747	695.94
LOCATION	L0004155	VOLUME	496399.823	3758979.330	696.68
LOCATION	L0004156	VOLUME	496410.182	3758969.912	697.63
LOCATION	L0004157	VOLUME	496420.542	3758960.495	698.57
LOCATION	L0004158	VOLUME	496430.901	3758951.078	698.88
LOCATION	L0004159	VOLUME	496441.260	3758941.660	699.13
LOCATION	L0004160	VOLUME	496451.619	3758932.243	699.63
LOCATION	L0004161	VOLUME	496461.978	3758922.825	700.63
LOCATION	L0004162	VOLUME	496472.338	3758913.408	701.39
LOCATION	L0004163	VOLUME	496482.697	3758903.991	701.74
LOCATION	L0004164	VOLUME	496493.429	3758895.006	702.10
LOCATION	L0004165	VOLUME	496504.259	3758886.134	702.74
LOCATION	L0004166	VOLUME	496515.089	3758877.262	703.32
LOCATION	L0004167	VOLUME	496525.920	3758868.390	703.89
LOCATION	L0004168	VOLUME	496536.750	3758859.518	704.47
LOCATION	L0004169	VOLUME	496547.580	3758850.646	704.80
LOCATION	L0004170	VOLUME	496558.410	3758841.775	705.03
LOCATION	L0004171	VOLUME	496569.748	3758833.600	705.11
LOCATION	L0004172	VOLUME	496581.502	3758825.994	704.97
LOCATION	L0004173	VOLUME	496593.256	3758818.389	704.83
LOCATION	L0004174	VOLUME	496605.010	3758810.783	704.87
LOCATION	L0004175	VOLUME	496617.055	3758803.689	705.08
LOCATION	L0004176	VOLUME	496629.607	3758797.489	705.29
LOCATION	L0004177	VOLUME	496642.159	3758791.288	705.30
LOCATION	L0004178	VOLUME	496654.711	3758785.088	705.13
LOCATION	L0004179	VOLUME	496667.712	3758780.018	705.00
LOCATION	L0004180	VOLUME	496681.101	3758775.927	705.01
LOCATION	L0004181	VOLUME	496694.489	3758771.836	705.26
LOCATION	L0004182	VOLUME	496707.860	3758767.686	705.70
LOCATION	L0004183	VOLUME	496721.229	3758763.530	706.00
LOCATION	L0004184	VOLUME	496734.598	3758759.373	706.00
LOCATION	L0004185	VOLUME	496748.060	3758755.567	706.00
LOCATION	L0004186	VOLUME	496761.717	3758752.487	706.08
LOCATION	L0004187	VOLUME	496775.374	3758749.408	706.09
LOCATION	L0004188	VOLUME	496789.011	3758746.239	706.29
LOCATION	L0004189	VOLUME	496802.605	3758742.893	706.74
LOCATION	L0004190	VOLUME	496816.001	3758738.905	707.04
LOCATION	L0004191	VOLUME	496828.960	3758733.709	707.26
LOCATION	L0004192	VOLUME	496840.537	3758725.836	707.68
LOCATION	L0004193	VOLUME	496851.442	3758717.161	708.34
LOCATION	L0004194	VOLUME	496861.224	3758707.145	708.60
LOCATION	L0004195	VOLUME	496869.913	3758696.217	708.97
LOCATION	L0004196	VOLUME	496877.643	3758684.638	709.29

LOCATION L0004197        VOLUME    496880.617 3758670.958 709.85  
\*\* END OF LINE VOLUME SOURCE ID = SLINE17  
\*\* -----  
\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES  
\*\* LINE VOLUME SOURCE ID = SLINE18  
\*\* DESCRSRC TTP CV 2% E  
\*\* PREFIX  
\*\* LENGTH OF SIDE = 8.59  
\*\* CONFIGURATION = ADJACENT  
\*\* EMISSION RATE = 3.337E-07  
\*\* VERTICAL DIMENSION = 6.99  
\*\* SZINIT = 3.25  
\*\* NODES = 3  
\*\* 496881.654, 3758659.847, 710.46, 3.49, 4.00  
\*\* 497125.077, 3758668.212, 717.92, 3.49, 4.00  
\*\* 497202.808, 3758669.988, 721.76, 3.49, 4.00  
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LOCATION L0004198	VOLUME	496885.946	3758659.994	710.39
LOCATION L0004199	VOLUME	496894.531	3758660.289	710.66
LOCATION L0004200	VOLUME	496903.116	3758660.584	710.94
LOCATION L0004201	VOLUME	496911.701	3758660.879	711.22
LOCATION L0004202	VOLUME	496920.286	3758661.174	711.49
LOCATION L0004203	VOLUME	496928.871	3758661.469	711.77
LOCATION L0004204	VOLUME	496937.456	3758661.764	712.05
LOCATION L0004205	VOLUME	496946.041	3758662.059	712.32
LOCATION L0004206	VOLUME	496954.626	3758662.354	712.60
LOCATION L0004207	VOLUME	496963.211	3758662.649	712.90
LOCATION L0004208	VOLUME	496971.795	3758662.944	713.24
LOCATION L0004209	VOLUME	496980.380	3758663.239	713.58
LOCATION L0004210	VOLUME	496988.965	3758663.534	713.94
LOCATION L0004211	VOLUME	496997.550	3758663.829	714.24
LOCATION L0004212	VOLUME	497006.135	3758664.124	714.52
LOCATION L0004213	VOLUME	497014.720	3758664.419	714.81
LOCATION L0004214	VOLUME	497023.305	3758664.714	715.09
LOCATION L0004215	VOLUME	497031.890	3758665.009	715.38
LOCATION L0004216	VOLUME	497040.475	3758665.305	715.67
LOCATION L0004217	VOLUME	497049.060	3758665.600	715.95
LOCATION L0004218	VOLUME	497057.645	3758665.895	716.56
LOCATION L0004219	VOLUME	497066.230	3758666.190	717.23
LOCATION L0004220	VOLUME	497074.815	3758666.485	717.90
LOCATION L0004221	VOLUME	497083.400	3758666.780	718.35
LOCATION L0004222	VOLUME	497091.985	3758667.075	718.36
LOCATION L0004223	VOLUME	497100.569	3758667.370	718.37
LOCATION L0004224	VOLUME	497109.154	3758667.665	718.38
LOCATION L0004225	VOLUME	497117.739	3758667.960	718.39
LOCATION L0004226	VOLUME	497126.325	3758668.240	718.40
LOCATION L0004227	VOLUME	497134.912	3758668.437	718.41
LOCATION L0004228	VOLUME	497143.500	3758668.633	718.52
LOCATION L0004229	VOLUME	497152.088	3758668.829	718.81
LOCATION L0004230	VOLUME	497160.676	3758669.025	719.10
LOCATION L0004231	VOLUME	497169.263	3758669.221	719.39
LOCATION L0004232	VOLUME	497177.851	3758669.418	719.93
LOCATION L0004233	VOLUME	497186.439	3758669.614	720.51
LOCATION L0004234	VOLUME	497195.027	3758669.810	721.09

\*\* END OF LINE VOLUME SOURCE ID = SLINE18  
\*\* -----  
\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES  
\*\* LINE VOLUME SOURCE ID = SLINE19  
\*\* DESCRSRC TTP CV 28%  
\*\* PREFIX  
\*\* LENGTH OF SIDE = 8.59  
\*\* CONFIGURATION = ADJACENT  
\*\* EMISSION RATE = 3.852E-06  
\*\* VERTICAL DIMENSION = 6.99  
\*\* SZINIT = 3.25  
\*\* NODES = 9

\*\* 496878.298, 3758659.171, 710.27, 3.49, 4.00  
\*\* 496818.605, 3758656.366, 715.48, 3.49, 4.00  
\*\* 496784.551, 3758653.963, 716.08, 3.49, 4.00  
\*\* 496740.482, 3758646.351, 716.60, 3.49, 4.00  
\*\* 496720.050, 3758639.540, 718.62, 3.49, 4.00  
\*\* 496696.413, 3758631.928, 716.34, 3.49, 4.00  
\*\* 496675.580, 3758621.512, 716.80, 3.49, 4.00  
\*\* 496647.536, 3758603.884, 718.95, 3.49, 4.00  
\*\* 496627.905, 3758591.064, 718.96, 3.49, 4.00

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LOCATION L0004235        VOLUME    496874.008 3758658.969 710.02  
LOCATION L0004236        VOLUME    496865.428 3758658.566 709.89  
LOCATION L0004237        VOLUME    496856.847 3758658.163 709.87  
LOCATION L0004238        VOLUME    496848.266 3758657.760 709.87  
LOCATION L0004239        VOLUME    496839.686 3758657.357 710.03  
LOCATION L0004240        VOLUME    496831.105 3758656.954 711.75  
LOCATION L0004241        VOLUME    496822.525 3758656.550 713.51  
LOCATION L0004242        VOLUME    496813.951 3758656.038 715.32  
LOCATION L0004243        VOLUME    496805.382 3758655.433 716.07  
LOCATION L0004244        VOLUME    496796.813 3758654.828 716.13  
LOCATION L0004245        VOLUME    496788.245 3758654.223 716.19  
LOCATION L0004246        VOLUME    496779.735 3758653.131 716.31  
LOCATION L0004247        VOLUME    496771.271 3758651.669 716.50  
LOCATION L0004248        VOLUME    496762.806 3758650.207 716.71  
LOCATION L0004249        VOLUME    496754.341 3758648.744 716.96  
LOCATION L0004250        VOLUME    496745.877 3758647.282 717.03  
LOCATION L0004251        VOLUME    496737.526 3758645.365 717.01  
LOCATION L0004252        VOLUME    496729.377 3758642.649 717.10  
LOCATION L0004253        VOLUME    496721.228 3758639.933 717.19  
LOCATION L0004254        VOLUME    496713.055 3758637.287 716.87  
LOCATION L0004255        VOLUME    496704.879 3758634.654 716.46  
LOCATION L0004256        VOLUME    496696.702 3758632.021 716.00  
LOCATION L0004257        VOLUME    496689.002 3758628.223 715.84  
LOCATION L0004258        VOLUME    496681.319 3758624.381 716.34  
LOCATION L0004259        VOLUME    496673.740 3758620.355 716.77  
LOCATION L0004260        VOLUME    496666.467 3758615.783 717.35  
LOCATION L0004261        VOLUME    496659.194 3758611.212 718.00  
LOCATION L0004262        VOLUME    496651.922 3758606.641 718.30  
LOCATION L0004263        VOLUME    496644.681 3758602.019 718.61  
LOCATION L0004264        VOLUME    496637.489 3758597.323 718.92  
LOCATION L0004265        VOLUME    496630.297 3758592.626 719.00

\*\* END OF LINE VOLUME SOURCE ID = SLINE19

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\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

\*\* LINE VOLUME SOURCE ID = SLINE20

\*\* DESCRSRC TTP CV W 2%

\*\* PREFIX

\*\* LENGTH OF SIDE = 14.00

\*\* CONFIGURATION = ADJACENT

\*\* EMISSION RATE = 4.25E-07

\*\* VERTICAL DIMENSION = 6.99

\*\* SZINIT = 3.25

\*\* NODES = 8

\*\* 496625.101, 3758589.061, 718.91, 3.49, 6.51

\*\* 496581.031, 3758549.799, 719.58, 3.49, 6.51

\*\* 496549.382, 3758515.745, 718.93, 3.49, 6.51

\*\* 496515.729, 3758467.269, 718.15, 3.49, 6.51

\*\* 496480.473, 3758410.380, 719.00, 3.49, 6.51

\*\* 496466.852, 3758373.121, 719.91, 3.49, 6.51

\*\* 496456.436, 3758322.642, 719.00, 3.49, 6.51

\*\* 496448.423, 3758236.507, 718.00, 3.49, 6.51

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LOCATION L0004266        VOLUME    496619.874 3758584.404 718.92

LOCATION L0004267        VOLUME    496609.421 3758575.091 719.28

LOCATION L0004268        VOLUME    496598.968 3758565.778 720.01

LOCATION L0004269        VOLUME    496588.514 3758556.465 720.07

LOCATION	VOLUME				
L0004270	496578.323	3758546.885	719.69		
L0004271	496568.792	3758536.630	719.02		
L0004272	496559.261	3758526.375	719.00		
L0004273	496549.730	3758516.120	719.00		
L0004274	496541.690	3758504.666	718.95		
L0004275	496533.706	3758493.165	718.57		
L0004276	496525.722	3758481.665	718.18		
L0004277	496517.739	3758470.164	718.20		
L0004278	496510.211	3758458.365	718.59		
L0004279	496502.836	3758446.465	718.99		
L0004280	496495.461	3758434.565	719.00		
L0004281	496488.086	3758422.664	719.00		
L0004282	496480.712	3758410.764	719.00		
L0004283	496475.822	3758397.656	719.10		
L0004284	496471.015	3758384.507	719.52		
L0004285	496466.473	3758371.283	721.02		
L0004286	496463.643	3758357.572	722.19		
L0004287	496460.814	3758343.860	720.79		
L0004288	496457.985	3758330.149	719.36		
L0004289	496455.849	3758316.335	719.00		
L0004290	496454.552	3758302.395	719.00		
L0004291	496453.255	3758288.455	719.00		
L0004292	496451.959	3758274.515	719.00		
L0004293	496450.662	3758260.575	718.81		
L0004294	496449.365	3758246.636	718.35		

\*\* END OF LINE VOLUME SOURCE ID = SLINE20

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\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

\*\* LINE VOLUME SOURCE ID = SLINE25

\*\* DESCRSRC TTP CALIMESA 70%

\*\* PREFIX

\*\* LENGTH OF SIDE = 14.00

\*\* CONFIGURATION = ADJACENT

\*\* EMISSION RATE = 0.000024

\*\* VERTICAL DIMENSION = 6.99

\*\* SZINIT = 3.25

\*\* NODES = 14

\*\* 495882.693, 3759350.477, 695.00, 3.49, 6.51

\*\* 495784.495, 3759412.058, 695.09, 3.49, 6.51

\*\* 495725.133, 3759453.112, 697.49, 3.49, 6.51

\*\* 495663.552, 3759506.926, 696.76, 3.49, 6.51

\*\* 495633.594, 3759539.659, 697.02, 3.49, 6.51

\*\* 495608.073, 3759574.610, 698.00, 3.49, 6.51

\*\* 495592.539, 3759621.767, 698.30, 3.49, 6.51

\*\* 495584.772, 3759658.383, 698.93, 3.49, 6.51

\*\* 495592.539, 3759700.547, 699.87, 3.49, 6.51

\*\* 495601.416, 3759729.395, 700.65, 3.49, 6.51

\*\* 495621.388, 3759768.785, 701.23, 3.49, 6.51

\*\* 495631.929, 3759806.511, 702.00, 3.49, 6.51

\*\* 495632.484, 3759840.353, 703.07, 3.49, 6.51

\*\* 495628.046, 3759865.318, 703.00, 3.49, 6.51

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LOCATION	VOLUME				
L0004295	495876.762	3759354.196	695.00		
L0004296	495864.902	3759361.634	695.00		
L0004297	495853.041	3759369.072	695.00		
L0004298	495841.180	3759376.510	695.00		
L0004299	495829.320	3759383.948	695.00		
L0004300	495817.459	3759391.386	695.00		
L0004301	495805.598	3759398.824	695.00		
L0004302	495793.738	3759406.262	695.00		
L0004303	495781.953	3759413.816	695.46		
L0004304	495770.439	3759421.779	695.84		
L0004305	495758.924	3759429.743	696.04		
L0004306	495747.410	3759437.706	696.48		
L0004307	495735.895	3759445.669	697.13		
L0004308	495724.444	3759453.714	697.39		

LOCATION	VOLUME			
L0004309	495713.902	3759462.927	697.34	
L0004310	495703.360	3759472.139	697.08	
L0004311	495692.818	3759481.351	696.87	
L0004312	495682.276	3759490.564	696.89	
L0004313	495671.734	3759499.776	697.12	
L0004314	495661.436	3759509.238	697.14	
L0004315	495651.984	3759519.565	697.16	
L0004316	495642.532	3759529.893	697.19	
L0004317	495633.145	3759540.273	697.47	
L0004318	495624.889	3759551.580	697.85	
L0004319	495616.633	3759562.887	698.00	
L0004320	495608.377	3759574.194	697.97	
L0004321	495603.855	3759587.418	698.03	
L0004322	495599.474	3759600.715	698.31	
L0004323	495595.094	3759614.012	698.45	
L0004324	495591.329	3759627.475	698.60	
L0004325	495588.424	3759641.170	698.88	
L0004326	495585.519	3759654.865	699.05	
L0004327	495586.657	3759668.615	699.16	
L0004328	495589.194	3759682.383	699.44	
L0004329	495591.730	3759696.152	699.79	
L0004330	495595.342	3759709.656	700.06	
L0004331	495599.460	3759723.037	700.36	
L0004332	495604.739	3759735.949	700.80	
L0004333	495611.070	3759748.435	701.00	
L0004334	495617.401	3759760.922	701.15	
L0004335	495622.783	3759773.778	701.56	
L0004336	495626.551	3759787.261	701.86	
L0004337	495630.318	3759800.745	702.15	
L0004338	495632.061	3759814.523	702.61	
L0004339	495632.290	3759828.521	703.00	
L0004340	495632.105	3759842.486	703.00	
L0004341	495629.654	3759856.270	703.00	

\*\* END OF LINE VOLUME SOURCE ID = SLINE25

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\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

\*\* LINE VOLUME SOURCE ID = SLINE26

\*\* DESCRSRC TTP SINGLETON 2%

\*\* PREFIX

\*\* LENGTH OF SIDE = 14.00

\*\* CONFIGURATION = ADJACENT

\*\* EMISSION RATE = 1.697E-06

\*\* VERTICAL DIMENSION = 6.99

\*\* SZINIT = 3.25

\*\* NODES = 18

\*\* 495624.717, 3759870.866, 703.66, 3.49, 6.51

\*\* 495696.839, 3759893.612, 703.94, 3.49, 6.51

\*\* 495790.598, 3759932.447, 706.66, 3.49, 6.51

\*\* 495874.926, 3759985.707, 708.95, 3.49, 6.51

\*\* 495912.096, 3760018.439, 711.06, 3.49, 6.51

\*\* 495967.020, 3760072.253, 715.93, 3.49, 6.51

\*\* 496037.478, 3760152.142, 717.99, 3.49, 6.51

\*\* 496093.511, 3760215.388, 719.05, 3.49, 6.51

\*\* 496226.660, 3760367.954, 731.00, 3.49, 6.51

\*\* 496359.809, 3760518.856, 735.99, 3.49, 6.51

\*\* 496403.082, 3760564.348, 741.96, 3.49, 6.51

\*\* 496459.115, 3760634.252, 752.33, 3.49, 6.51

\*\* 496512.930, 3760715.250, 769.04, 3.49, 6.51

\*\* 496556.758, 3760787.373, 760.72, 3.49, 6.51

\*\* 496603.915, 3760882.796, 767.63, 3.49, 6.51

\*\* 496638.311, 3760959.911, 789.44, 3.49, 6.51

\*\* 496671.598, 3761054.779, 763.63, 3.49, 6.51

\*\* 496674.372, 3761064.766, 763.90, 3.49, 6.51

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LOCATION L0004342	VOLUME 495631.393	3759872.971	703.56	
LOCATION L0004343	VOLUME 495644.745	3759877.182	703.64	

LOCATION	L0004344	VOLUME	495658.096	3759881.393	703.44
LOCATION	L0004345	VOLUME	495671.448	3759885.604	703.05
LOCATION	L0004346	VOLUME	495684.800	3759889.815	703.60
LOCATION	L0004347	VOLUME	495698.110	3759894.139	704.19
LOCATION	L0004348	VOLUME	495711.045	3759899.496	704.64
LOCATION	L0004349	VOLUME	495723.979	3759904.853	704.92
LOCATION	L0004350	VOLUME	495736.914	3759910.211	705.17
LOCATION	L0004351	VOLUME	495749.848	3759915.568	705.63
LOCATION	L0004352	VOLUME	495762.782	3759920.926	706.01
LOCATION	L0004353	VOLUME	495775.717	3759926.283	706.17
LOCATION	L0004354	VOLUME	495788.651	3759931.641	706.49
LOCATION	L0004355	VOLUME	495800.653	3759938.798	707.10
LOCATION	L0004356	VOLUME	495812.490	3759946.274	707.74
LOCATION	L0004357	VOLUME	495824.327	3759953.749	708.25
LOCATION	L0004358	VOLUME	495836.164	3759961.225	708.50
LOCATION	L0004359	VOLUME	495848.000	3759968.701	708.75
LOCATION	L0004360	VOLUME	495859.837	3759976.177	709.00
LOCATION	L0004361	VOLUME	495871.674	3759983.653	709.43
LOCATION	L0004362	VOLUME	495882.546	3759992.417	710.11
LOCATION	L0004363	VOLUME	495893.053	3760001.670	710.76
LOCATION	L0004364	VOLUME	495903.560	3760010.922	711.32
LOCATION	L0004365	VOLUME	495913.972	3760020.277	712.06
LOCATION	L0004366	VOLUME	495923.972	3760030.075	713.04
LOCATION	L0004367	VOLUME	495933.972	3760039.873	714.06
LOCATION	L0004368	VOLUME	495943.972	3760049.671	714.96
LOCATION	L0004369	VOLUME	495953.972	3760059.469	715.65
LOCATION	L0004370	VOLUME	495963.972	3760069.267	716.12
LOCATION	L0004371	VOLUME	495973.458	3760079.552	716.30
LOCATION	L0004372	VOLUME	495982.718	3760090.052	716.06
LOCATION	L0004373	VOLUME	495991.978	3760100.552	715.67
LOCATION	L0004374	VOLUME	496001.238	3760111.052	715.52
LOCATION	L0004375	VOLUME	496010.499	3760121.552	716.18
LOCATION	L0004376	VOLUME	496019.759	3760132.052	716.84
LOCATION	L0004377	VOLUME	496029.019	3760142.552	717.50
LOCATION	L0004378	VOLUME	496038.282	3760153.050	718.16
LOCATION	L0004379	VOLUME	496047.566	3760163.529	718.57
LOCATION	L0004380	VOLUME	496056.850	3760174.008	718.88
LOCATION	L0004381	VOLUME	496066.134	3760184.486	719.19
LOCATION	L0004382	VOLUME	496075.418	3760194.965	719.35
LOCATION	L0004383	VOLUME	496084.702	3760205.444	719.29
LOCATION	L0004384	VOLUME	496093.981	3760215.927	719.36
LOCATION	L0004385	VOLUME	496103.187	3760226.475	721.01
LOCATION	L0004386	VOLUME	496112.392	3760237.023	722.26
LOCATION	L0004387	VOLUME	496121.598	3760247.571	723.23
LOCATION	L0004388	VOLUME	496130.803	3760258.119	724.94
LOCATION	L0004389	VOLUME	496140.009	3760268.667	726.65
LOCATION	L0004390	VOLUME	496149.214	3760279.214	727.98
LOCATION	L0004391	VOLUME	496158.420	3760289.762	728.12
LOCATION	L0004392	VOLUME	496167.625	3760300.310	728.46
LOCATION	L0004393	VOLUME	496176.831	3760310.858	729.07
LOCATION	L0004394	VOLUME	496186.036	3760321.406	729.70
LOCATION	L0004395	VOLUME	496195.242	3760331.954	730.35
LOCATION	L0004396	VOLUME	496204.447	3760342.502	730.84
LOCATION	L0004397	VOLUME	496213.653	3760353.050	731.00
LOCATION	L0004398	VOLUME	496222.858	3760363.598	731.00
LOCATION	L0004399	VOLUME	496232.097	3760374.117	731.38
LOCATION	L0004400	VOLUME	496241.360	3760384.614	732.20
LOCATION	L0004401	VOLUME	496250.623	3760395.112	732.28
LOCATION	L0004402	VOLUME	496259.885	3760405.610	731.48
LOCATION	L0004403	VOLUME	496269.148	3760416.107	731.03
LOCATION	L0004404	VOLUME	496278.411	3760426.605	731.00
LOCATION	L0004405	VOLUME	496287.673	3760437.103	731.00
LOCATION	L0004406	VOLUME	496296.936	3760447.601	731.00
LOCATION	L0004407	VOLUME	496306.199	3760458.098	731.09
LOCATION	L0004408	VOLUME	496315.462	3760468.596	731.83
LOCATION	L0004409	VOLUME	496324.724	3760479.094	733.00

LOCATION	VOLUME	VOLUME	VOLUME	VOLUME
L0004410	496333.987	3760489.592	734.13	
L0004411	496343.250	3760500.089	734.66	
L0004412	496352.512	3760510.587	735.41	
L0004413	496361.857	3760521.010	736.69	
L0004414	496371.506	3760531.153	738.18	
L0004415	496381.155	3760541.297	739.46	
L0004416	496390.804	3760551.441	740.52	
L0004417	496400.453	3760561.585	741.37	
L0004418	496409.453	3760572.296	742.06	
L0004419	496418.209	3760583.220	743.13	
L0004420	496426.965	3760594.143	743.83	
L0004421	496435.721	3760605.067	744.34	
L0004422	496444.478	3760615.991	747.52	
L0004423	496453.234	3760626.915	750.02	
L0004424	496461.659	3760638.080	751.42	
L0004425	496469.406	3760649.741	754.42	
L0004426	496477.154	3760661.402	758.23	
L0004427	496484.901	3760673.063	761.88	
L0004428	496492.649	3760684.724	764.91	
L0004429	496500.396	3760696.385	767.66	
L0004430	496508.143	3760708.046	767.98	
L0004431	496515.708	3760719.823	769.81	
L0004432	496522.979	3760731.787	768.93	
L0004433	496530.249	3760743.751	765.19	
L0004434	496537.520	3760755.715	763.00	
L0004435	496544.790	3760767.679	761.83	
L0004436	496552.061	3760779.644	760.67	
L0004437	496558.953	3760791.815	760.11	
L0004438	496565.156	3760804.366	759.03	
L0004439	496571.358	3760816.918	757.39	
L0004440	496577.561	3760829.469	759.03	
L0004441	496583.764	3760842.020	759.97	
L0004442	496589.966	3760854.571	763.05	
L0004443	496596.169	3760867.122	765.97	
L0004444	496602.371	3760879.673	768.19	
L0004445	496608.198	3760892.400	772.16	
L0004446	496613.901	3760905.186	776.25	
L0004447	496619.604	3760917.972	781.42	
L0004448	496625.307	3760930.757	784.95	
L0004449	496631.010	3760943.543	786.88	
L0004450	496636.713	3760956.329	788.35	
L0004451	496641.648	3760969.420	789.70	
L0004452	496646.283	3760982.631	787.27	
L0004453	496650.918	3760995.841	785.11	
L0004454	496655.554	3761009.051	780.65	
L0004455	496660.189	3761022.262	776.40	
L0004456	496664.824	3761035.472	771.41	
L0004457	496669.459	3761048.683	766.15	
L0004458	496673.616	3761062.043	763.43	

\*\* END OF LINE VOLUME SOURCE ID = SLINE26

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\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

\*\* LINE VOLUME SOURCE ID = SLINE36

\*\* DESCRSRC WH SINGLETON 4%

\*\* PREFIX

\*\* LENGTH OF SIDE = 14.00

\*\* CONFIGURATION = ADJACENT

\*\* EMISSION RATE = 6.424E-06

\*\* VERTICAL DIMENSION = 6.99

\*\* SZINIT = 3.25

\*\* NODES = 18

\*\* 495624.717, 3759870.866, 703.66, 3.49, 6.51

\*\* 495696.839, 3759893.612, 703.94, 3.49, 6.51

\*\* 495790.598, 3759932.447, 706.66, 3.49, 6.51

\*\* 495874.926, 3759985.707, 708.95, 3.49, 6.51

\*\* 495912.096, 3760018.439, 711.06, 3.49, 6.51



\*\* 495967.020, 3760072.253, 715.93, 3.49, 6.51  
 \*\* 496037.478, 3760152.142, 717.99, 3.49, 6.51  
 \*\* 496093.511, 3760215.388, 719.05, 3.49, 6.51  
 \*\* 496226.660, 3760367.954, 731.00, 3.49, 6.51  
 \*\* 496359.809, 3760518.856, 735.99, 3.49, 6.51  
 \*\* 496403.082, 3760564.348, 741.96, 3.49, 6.51  
 \*\* 496459.115, 3760634.252, 752.33, 3.49, 6.51  
 \*\* 496512.930, 3760715.250, 769.04, 3.49, 6.51  
 \*\* 496556.758, 3760787.373, 760.72, 3.49, 6.51  
 \*\* 496603.915, 3760882.796, 767.63, 3.49, 6.51  
 \*\* 496638.311, 3760959.911, 789.44, 3.49, 6.51  
 \*\* 496671.598, 3761054.779, 763.63, 3.49, 6.51  
 \*\* 496674.372, 3761064.766, 763.90, 3.49, 6.51

\*\* -----  
 LOCATION L0007160 VOLUME 495631.393 3759872.971 703.56  
 LOCATION L0007161 VOLUME 495644.745 3759877.182 703.64  
 LOCATION L0007162 VOLUME 495658.096 3759881.393 703.44  
 LOCATION L0007163 VOLUME 495671.448 3759885.604 703.05  
 LOCATION L0007164 VOLUME 495684.800 3759889.815 703.60  
 LOCATION L0007165 VOLUME 495698.110 3759894.139 704.19  
 LOCATION L0007166 VOLUME 495711.045 3759899.496 704.64  
 LOCATION L0007167 VOLUME 495723.979 3759904.853 704.92  
 LOCATION L0007168 VOLUME 495736.914 3759910.211 705.17  
 LOCATION L0007169 VOLUME 495749.848 3759915.568 705.63  
 LOCATION L0007170 VOLUME 495762.782 3759920.926 706.01  
 LOCATION L0007171 VOLUME 495775.717 3759926.283 706.17  
 LOCATION L0007172 VOLUME 495788.651 3759931.641 706.49  
 LOCATION L0007173 VOLUME 495800.653 3759938.798 707.10  
 LOCATION L0007174 VOLUME 495812.490 3759946.274 707.74  
 LOCATION L0007175 VOLUME 495824.327 3759953.749 708.25  
 LOCATION L0007176 VOLUME 495836.164 3759961.225 708.50  
 LOCATION L0007177 VOLUME 495848.000 3759968.701 708.75  
 LOCATION L0007178 VOLUME 495859.837 3759976.177 709.00  
 LOCATION L0007179 VOLUME 495871.674 3759983.653 709.43  
 LOCATION L0007180 VOLUME 495882.546 3759992.417 710.11  
 LOCATION L0007181 VOLUME 495893.053 3760001.670 710.76  
 LOCATION L0007182 VOLUME 495903.560 3760010.922 711.32  
 LOCATION L0007183 VOLUME 495913.972 3760020.277 712.06  
 LOCATION L0007184 VOLUME 495923.972 3760030.075 713.04  
 LOCATION L0007185 VOLUME 495933.972 3760039.873 714.06  
 LOCATION L0007186 VOLUME 495943.972 3760049.671 714.96  
 LOCATION L0007187 VOLUME 495953.972 3760059.469 715.65  
 LOCATION L0007188 VOLUME 495963.972 3760069.267 716.12  
 LOCATION L0007189 VOLUME 495973.458 3760079.552 716.30  
 LOCATION L0007190 VOLUME 495982.718 3760090.052 716.06  
 LOCATION L0007191 VOLUME 495991.978 3760100.552 715.67  
 LOCATION L0007192 VOLUME 496001.238 3760111.052 715.52  
 LOCATION L0007193 VOLUME 496010.499 3760121.552 716.18  
 LOCATION L0007194 VOLUME 496019.759 3760132.052 716.84  
 LOCATION L0007195 VOLUME 496029.019 3760142.552 717.50  
 LOCATION L0007196 VOLUME 496038.282 3760153.050 718.16  
 LOCATION L0007197 VOLUME 496047.566 3760163.529 718.57  
 LOCATION L0007198 VOLUME 496056.850 3760174.008 718.88  
 LOCATION L0007199 VOLUME 496066.134 3760184.486 719.19  
 LOCATION L0007200 VOLUME 496075.418 3760194.965 719.35  
 LOCATION L0007201 VOLUME 496084.702 3760205.444 719.29  
 LOCATION L0007202 VOLUME 496093.981 3760215.927 719.36  
 LOCATION L0007203 VOLUME 496103.187 3760226.475 721.01  
 LOCATION L0007204 VOLUME 496112.392 3760237.023 722.26  
 LOCATION L0007205 VOLUME 496121.598 3760247.571 723.23  
 LOCATION L0007206 VOLUME 496130.803 3760258.119 724.94  
 LOCATION L0007207 VOLUME 496140.009 3760268.667 726.65  
 LOCATION L0007208 VOLUME 496149.214 3760279.214 727.98  
 LOCATION L0007209 VOLUME 496158.420 3760289.762 728.12  
 LOCATION L0007210 VOLUME 496167.625 3760300.310 728.46  
 LOCATION L0007211 VOLUME 496176.831 3760310.858 729.07

LOCATION L0007212	VOLUME	496186.036	3760321.406	729.70
LOCATION L0007213	VOLUME	496195.242	3760331.954	730.35
LOCATION L0007214	VOLUME	496204.447	3760342.502	730.84
LOCATION L0007215	VOLUME	496213.653	3760353.050	731.00
LOCATION L0007216	VOLUME	496222.858	3760363.598	731.00
LOCATION L0007217	VOLUME	496232.097	3760374.117	731.38
LOCATION L0007218	VOLUME	496241.360	3760384.614	732.20
LOCATION L0007219	VOLUME	496250.623	3760395.112	732.28
LOCATION L0007220	VOLUME	496259.885	3760405.610	731.48
LOCATION L0007221	VOLUME	496269.148	3760416.107	731.03
LOCATION L0007222	VOLUME	496278.411	3760426.605	731.00
LOCATION L0007223	VOLUME	496287.673	3760437.103	731.00
LOCATION L0007224	VOLUME	496296.936	3760447.601	731.00
LOCATION L0007225	VOLUME	496306.199	3760458.098	731.09
LOCATION L0007226	VOLUME	496315.462	3760468.596	731.83
LOCATION L0007227	VOLUME	496324.724	3760479.094	733.00
LOCATION L0007228	VOLUME	496333.987	3760489.592	734.13
LOCATION L0007229	VOLUME	496343.250	3760500.089	734.66
LOCATION L0007230	VOLUME	496352.512	3760510.587	735.41
LOCATION L0007231	VOLUME	496361.857	3760521.010	736.69
LOCATION L0007232	VOLUME	496371.506	3760531.153	738.18
LOCATION L0007233	VOLUME	496381.155	3760541.297	739.46
LOCATION L0007234	VOLUME	496390.804	3760551.441	740.52
LOCATION L0007235	VOLUME	496400.453	3760561.585	741.37
LOCATION L0007236	VOLUME	496409.453	3760572.296	742.06
LOCATION L0007237	VOLUME	496418.209	3760583.220	743.13
LOCATION L0007238	VOLUME	496426.965	3760594.143	743.83
LOCATION L0007239	VOLUME	496435.721	3760605.067	744.34
LOCATION L0007240	VOLUME	496444.478	3760615.991	747.52
LOCATION L0007241	VOLUME	496453.234	3760626.915	750.02
LOCATION L0007242	VOLUME	496461.659	3760638.080	751.42
LOCATION L0007243	VOLUME	496469.406	3760649.741	754.42
LOCATION L0007244	VOLUME	496477.154	3760661.402	758.23
LOCATION L0007245	VOLUME	496484.901	3760673.063	761.88
LOCATION L0007246	VOLUME	496492.649	3760684.724	764.91
LOCATION L0007247	VOLUME	496500.396	3760696.385	767.66
LOCATION L0007248	VOLUME	496508.143	3760708.046	767.98
LOCATION L0007249	VOLUME	496515.708	3760719.823	769.81
LOCATION L0007250	VOLUME	496522.979	3760731.787	768.93
LOCATION L0007251	VOLUME	496530.249	3760743.751	765.19
LOCATION L0007252	VOLUME	496537.520	3760755.715	763.00
LOCATION L0007253	VOLUME	496544.790	3760767.679	761.83
LOCATION L0007254	VOLUME	496552.061	3760779.644	760.67
LOCATION L0007255	VOLUME	496558.953	3760791.815	760.11
LOCATION L0007256	VOLUME	496565.156	3760804.366	759.03
LOCATION L0007257	VOLUME	496571.358	3760816.918	757.39
LOCATION L0007258	VOLUME	496577.561	3760829.469	759.03
LOCATION L0007259	VOLUME	496583.764	3760842.020	759.97
LOCATION L0007260	VOLUME	496589.966	3760854.571	763.05
LOCATION L0007261	VOLUME	496596.169	3760867.122	765.97
LOCATION L0007262	VOLUME	496602.371	3760879.673	768.19
LOCATION L0007263	VOLUME	496608.198	3760892.400	772.16
LOCATION L0007264	VOLUME	496613.901	3760905.186	776.25
LOCATION L0007265	VOLUME	496619.604	3760917.972	781.42
LOCATION L0007266	VOLUME	496625.307	3760930.757	784.95
LOCATION L0007267	VOLUME	496631.010	3760943.543	786.88
LOCATION L0007268	VOLUME	496636.713	3760956.329	788.35
LOCATION L0007269	VOLUME	496641.648	3760969.420	789.70
LOCATION L0007270	VOLUME	496646.283	3760982.631	787.27
LOCATION L0007271	VOLUME	496650.918	3760995.841	785.11
LOCATION L0007272	VOLUME	496655.554	3761009.051	780.65
LOCATION L0007273	VOLUME	496660.189	3761022.262	776.40
LOCATION L0007274	VOLUME	496664.824	3761035.472	771.41
LOCATION L0007275	VOLUME	496669.459	3761048.683	766.15
LOCATION L0007276	VOLUME	496673.616	3761062.043	763.43

\*\* END OF LINE VOLUME SOURCE ID = SLINE36

\*\* -----  
\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES  
\*\* LINE VOLUME SOURCE ID = SLINE27  
\*\* DESCRSRC TTP SINGLETON 66%  
\*\* PREFIX  
\*\* LENGTH OF SIDE = 14.00  
\*\* CONFIGURATION = ADJACENT  
\*\* EMISSION RATE = 0.0000121  
\*\* VERTICAL DIMENSION = 6.99  
\*\* SZINIT = 3.25  
\*\* NODES = 3  
\*\* 495623.649, 3759870.316, 703.63, 3.49, 6.51  
\*\* 495527.907, 3759852.599, 703.03, 3.49, 6.51  
\*\* 495274.751, 3759817.845, 695.95, 3.49, 6.51  
\*\* -----

LOCATION L0004576	VOLUME	495616.766	3759869.043	703.43
LOCATION L0004577	VOLUME	495602.999	3759866.495	703.34
LOCATION L0004578	VOLUME	495589.233	3759863.948	703.26
LOCATION L0004579	VOLUME	495575.467	3759861.400	703.34
LOCATION L0004580	VOLUME	495561.701	3759858.853	703.71
LOCATION L0004581	VOLUME	495547.934	3759856.305	703.92
LOCATION L0004582	VOLUME	495534.168	3759853.758	703.38
LOCATION L0004583	VOLUME	495520.345	3759851.561	702.85
LOCATION L0004584	VOLUME	495506.475	3759849.657	702.78
LOCATION L0004585	VOLUME	495492.606	3759847.753	702.72
LOCATION L0004586	VOLUME	495478.736	3759845.849	702.66
LOCATION L0004587	VOLUME	495464.866	3759843.945	702.59
LOCATION L0004588	VOLUME	495450.996	3759842.040	701.90
LOCATION L0004589	VOLUME	495437.126	3759840.136	700.91
LOCATION L0004590	VOLUME	495423.256	3759838.232	700.40
LOCATION L0004591	VOLUME	495409.386	3759836.328	700.34
LOCATION L0004592	VOLUME	495395.516	3759834.424	699.95
LOCATION L0004593	VOLUME	495381.646	3759832.520	698.96
LOCATION L0004594	VOLUME	495367.776	3759830.616	698.13
LOCATION L0004595	VOLUME	495353.906	3759828.712	698.04
LOCATION L0004596	VOLUME	495340.036	3759826.808	697.99
LOCATION L0004597	VOLUME	495326.167	3759824.904	697.50
LOCATION L0004598	VOLUME	495312.297	3759823.000	697.06
LOCATION L0004599	VOLUME	495298.427	3759821.096	696.60
LOCATION L0004600	VOLUME	495284.557	3759819.192	696.14

\*\* END OF LINE VOLUME SOURCE ID = SLINE27  
\*\* -----  
\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES  
\*\* LINE VOLUME SOURCE ID = SLINE37  
\*\* DESCRSRC WH SINGLETON 62%  
\*\* PREFIX  
\*\* LENGTH OF SIDE = 14.00  
\*\* CONFIGURATION = ADJACENT  
\*\* EMISSION RATE = 0.00002151  
\*\* VERTICAL DIMENSION = 6.99  
\*\* SZINIT = 3.25  
\*\* NODES = 3  
\*\* 495623.649, 3759870.316, 703.63, 3.49, 6.51  
\*\* 495527.907, 3759852.599, 703.03, 3.49, 6.51  
\*\* 495274.751, 3759817.845, 695.95, 3.49, 6.51  
\*\* -----

LOCATION L0007277	VOLUME	495616.766	3759869.043	703.43
LOCATION L0007278	VOLUME	495602.999	3759866.495	703.34
LOCATION L0007279	VOLUME	495589.233	3759863.948	703.26
LOCATION L0007280	VOLUME	495575.467	3759861.400	703.34
LOCATION L0007281	VOLUME	495561.701	3759858.853	703.71
LOCATION L0007282	VOLUME	495547.934	3759856.305	703.92
LOCATION L0007283	VOLUME	495534.168	3759853.758	703.38
LOCATION L0007284	VOLUME	495520.345	3759851.561	702.85
LOCATION L0007285	VOLUME	495506.475	3759849.657	702.78
LOCATION L0007286	VOLUME	495492.606	3759847.753	702.72

LOCATION L0007287	VOLUME	495478.736	3759845.849	702.66
LOCATION L0007288	VOLUME	495464.866	3759843.945	702.59
LOCATION L0007289	VOLUME	495450.996	3759842.040	701.90
LOCATION L0007290	VOLUME	495437.126	3759840.136	700.91
LOCATION L0007291	VOLUME	495423.256	3759838.232	700.40
LOCATION L0007292	VOLUME	495409.386	3759836.328	700.34
LOCATION L0007293	VOLUME	495395.516	3759834.424	699.95
LOCATION L0007294	VOLUME	495381.646	3759832.520	698.96
LOCATION L0007295	VOLUME	495367.776	3759830.616	698.13
LOCATION L0007296	VOLUME	495353.906	3759828.712	698.04
LOCATION L0007297	VOLUME	495340.036	3759826.808	697.99
LOCATION L0007298	VOLUME	495326.167	3759824.904	697.50
LOCATION L0007299	VOLUME	495312.297	3759823.000	697.06
LOCATION L0007300	VOLUME	495298.427	3759821.096	696.60
LOCATION L0007301	VOLUME	495284.557	3759819.192	696.14

\*\* END OF LINE VOLUME SOURCE ID = SLINE37

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\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

\*\* LINE VOLUME SOURCE ID = SLINE28

\*\* DESCRSRC TTP CALIMESA 2%

\*\* PREFIX

\*\* LENGTH OF SIDE = 8.59

\*\* CONFIGURATION = ADJACENT

\*\* EMISSION RATE = 2.29E-06

\*\* VERTICAL DIMENSION = 6.99

\*\* SZINIT = 3.25

\*\* NODES = 40

** 495622.328,	3759881.406,	703.88,	3.49,	4.00
** 495616.197,	3759905.458,	704.53,	3.49,	4.00
** 495606.766,	3759914.418,	704.96,	3.49,	4.00
** 495586.487,	3759936.111,	706.21,	3.49,	4.00
** 495550.175,	3759955.446,	706.88,	3.49,	4.00
** 495500.658,	3759976.196,	706.97,	3.49,	4.00
** 495457.272,	3759982.798,	707.87,	3.49,	4.00
** 495435.579,	3759981.383,	707.04,	3.49,	4.00
** 495411.056,	3759982.798,	706.74,	3.49,	4.00
** 495379.931,	3759988.929,	705.18,	3.49,	4.00
** 495360.596,	3760001.662,	705.42,	3.49,	4.00
** 495342.204,	3760021.940,	701.86,	3.49,	4.00
** 495313.437,	3760070.514,	700.05,	3.49,	4.00
** 495290.329,	3760125.218,	701.08,	3.49,	4.00
** 495233.738,	3760244.531,	705.17,	3.49,	4.00
** 495219.591,	3760280.371,	706.00,	3.49,	4.00
** 495198.841,	3760346.866,	708.66,	3.49,	4.00
** 495175.261,	3760411.473,	712.49,	3.49,	4.00
** 495165.829,	3760440.712,	714.47,	3.49,	4.00
** 495150.738,	3760491.644,	717.12,	3.49,	4.00
** 495134.704,	3760531.729,	719.55,	3.49,	4.00
** 495111.125,	3760577.945,	720.10,	3.49,	4.00
** 495055.949,	3760678.393,	719.90,	3.49,	4.00
** 495036.142,	3760709.990,	720.45,	3.49,	4.00
** 494979.551,	3760807.609,	719.87,	3.49,	4.00
** 494952.671,	3760858.540,	718.53,	3.49,	4.00
** 494931.449,	3760899.569,	710.33,	3.49,	4.00
** 494918.716,	3760925.978,	709.99,	3.49,	4.00
** 494905.983,	3760953.802,	709.70,	3.49,	4.00
** 494880.517,	3761012.750,	710.55,	3.49,	4.00
** 494840.904,	3761121.687,	715.98,	3.49,	4.00
** 494815.910,	3761181.579,	718.04,	3.49,	4.00
** 494798.932,	3761207.517,	719.00,	3.49,	4.00
** 494783.370,	3761217.420,	720.36,	3.49,	4.00
** 494772.052,	3761224.022,	721.60,	3.49,	4.00
** 494764.035,	3761294.289,	722.24,	3.49,	4.00
** 494748.944,	3761342.391,	730.58,	3.49,	4.00
** 494705.086,	3761455.101,	733.00,	3.49,	4.00
** 494644.251,	3761609.311,	732.91,	3.49,	4.00

\*\* 494598.507, 3761722.493, 733.94, 3.49, 4.00

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LOCATION	L0004626	VOLUME	495621.267	3759885.568	703.98
LOCATION	L0004627	VOLUME	495619.146	3759893.892	704.11
LOCATION	L0004628	VOLUME	495617.024	3759902.216	704.30
LOCATION	L0004629	VOLUME	495612.395	3759909.070	704.66
LOCATION	L0004630	VOLUME	495606.202	3759915.021	704.96
LOCATION	L0004631	VOLUME	495600.336	3759921.296	705.00
LOCATION	L0004632	VOLUME	495594.470	3759927.571	705.23
LOCATION	L0004633	VOLUME	495588.604	3759933.846	705.69
LOCATION	L0004634	VOLUME	495581.641	3759938.691	706.41
LOCATION	L0004635	VOLUME	495574.059	3759942.729	706.79
LOCATION	L0004636	VOLUME	495566.477	3759946.766	707.00
LOCATION	L0004637	VOLUME	495558.895	3759950.803	707.00
LOCATION	L0004638	VOLUME	495551.313	3759954.840	707.00
LOCATION	L0004639	VOLUME	495543.441	3759958.268	706.86
LOCATION	L0004640	VOLUME	495535.519	3759961.588	706.76
LOCATION	L0004641	VOLUME	495527.596	3759964.908	706.71
LOCATION	L0004642	VOLUME	495519.674	3759968.228	706.73
LOCATION	L0004643	VOLUME	495511.751	3759971.547	706.85
LOCATION	L0004644	VOLUME	495503.829	3759974.867	706.96
LOCATION	L0004645	VOLUME	495495.564	3759976.971	707.09
LOCATION	L0004646	VOLUME	495487.072	3759978.263	707.30
LOCATION	L0004647	VOLUME	495478.580	3759979.556	707.64
LOCATION	L0004648	VOLUME	495470.088	3759980.848	707.93
LOCATION	L0004649	VOLUME	495461.595	3759982.140	708.17
LOCATION	L0004650	VOLUME	495453.064	3759982.524	707.92
LOCATION	L0004651	VOLUME	495444.492	3759981.965	707.56
LOCATION	L0004652	VOLUME	495435.921	3759981.406	707.22
LOCATION	L0004653	VOLUME	495427.345	3759981.858	707.00
LOCATION	L0004654	VOLUME	495418.769	3759982.353	707.00
LOCATION	L0004655	VOLUME	495410.208	3759982.965	707.00
LOCATION	L0004656	VOLUME	495401.780	3759984.625	707.00
LOCATION	L0004657	VOLUME	495393.352	3759986.285	706.61
LOCATION	L0004658	VOLUME	495384.924	3759987.945	706.17
LOCATION	L0004659	VOLUME	495377.007	3759990.854	705.82
LOCATION	L0004660	VOLUME	495369.833	3759995.579	705.59
LOCATION	L0004661	VOLUME	495362.659	3760000.303	705.03
LOCATION	L0004662	VOLUME	495356.485	3760006.195	704.61
LOCATION	L0004663	VOLUME	495350.714	3760012.558	703.53
LOCATION	L0004664	VOLUME	495344.943	3760018.920	702.54
LOCATION	L0004665	VOLUME	495339.904	3760025.823	701.66
LOCATION	L0004666	VOLUME	495335.527	3760033.214	701.00
LOCATION	L0004667	VOLUME	495331.150	3760040.606	700.79
LOCATION	L0004668	VOLUME	495326.772	3760047.997	700.76
LOCATION	L0004669	VOLUME	495322.395	3760055.388	700.66
LOCATION	L0004670	VOLUME	495318.018	3760062.779	700.48
LOCATION	L0004671	VOLUME	495313.641	3760070.170	700.35
LOCATION	L0004672	VOLUME	495310.250	3760078.059	700.39
LOCATION	L0004673	VOLUME	495306.907	3760085.972	700.47
LOCATION	L0004674	VOLUME	495303.565	3760093.885	700.49
LOCATION	L0004675	VOLUME	495300.222	3760101.798	700.70
LOCATION	L0004676	VOLUME	495296.880	3760109.710	701.00
LOCATION	L0004677	VOLUME	495293.537	3760117.623	701.31
LOCATION	L0004678	VOLUME	495290.181	3760125.530	701.61
LOCATION	L0004679	VOLUME	495286.500	3760133.292	701.12
LOCATION	L0004680	VOLUME	495282.819	3760141.053	700.63
LOCATION	L0004681	VOLUME	495279.137	3760148.814	700.18
LOCATION	L0004682	VOLUME	495275.456	3760156.575	699.85
LOCATION	L0004683	VOLUME	495271.775	3760164.337	700.06
LOCATION	L0004684	VOLUME	495268.094	3760172.098	700.34
LOCATION	L0004685	VOLUME	495264.412	3760179.859	700.68
LOCATION	L0004686	VOLUME	495260.731	3760187.620	701.05
LOCATION	L0004687	VOLUME	495257.050	3760195.381	701.31
LOCATION	L0004688	VOLUME	495253.369	3760203.143	701.56
LOCATION	L0004689	VOLUME	495249.688	3760210.904	701.86

LOCATION	L0004690	VOLUME	495246.006	3760218.665	702.46
LOCATION	L0004691	VOLUME	495242.325	3760226.426	703.22
LOCATION	L0004692	VOLUME	495238.644	3760234.188	703.98
LOCATION	L0004693	VOLUME	495234.963	3760241.949	704.75
LOCATION	L0004694	VOLUME	495231.633	3760249.863	705.25
LOCATION	L0004695	VOLUME	495228.479	3760257.853	705.46
LOCATION	L0004696	VOLUME	495225.325	3760265.843	705.67
LOCATION	L0004697	VOLUME	495222.172	3760273.833	705.88
LOCATION	L0004698	VOLUME	495219.126	3760281.861	706.26
LOCATION	L0004699	VOLUME	495216.567	3760290.061	706.66
LOCATION	L0004700	VOLUME	495214.008	3760298.261	707.00
LOCATION	L0004701	VOLUME	495211.449	3760306.461	707.30
LOCATION	L0004702	VOLUME	495208.890	3760314.661	707.49
LOCATION	L0004703	VOLUME	495206.331	3760322.861	707.73
LOCATION	L0004704	VOLUME	495203.772	3760331.061	708.01
LOCATION	L0004705	VOLUME	495201.214	3760339.261	708.34
LOCATION	L0004706	VOLUME	495198.627	3760347.452	708.72
LOCATION	L0004707	VOLUME	495195.682	3760355.521	709.18
LOCATION	L0004708	VOLUME	495192.737	3760363.590	709.68
LOCATION	L0004709	VOLUME	495189.792	3760371.660	710.24
LOCATION	L0004710	VOLUME	495186.847	3760379.729	710.75
LOCATION	L0004711	VOLUME	495183.901	3760387.799	711.21
LOCATION	L0004712	VOLUME	495180.956	3760395.868	711.62
LOCATION	L0004713	VOLUME	495178.011	3760403.937	711.82
LOCATION	L0004714	VOLUME	495175.087	3760412.014	712.02
LOCATION	L0004715	VOLUME	495172.450	3760420.189	712.20
LOCATION	L0004716	VOLUME	495169.812	3760428.364	712.59
LOCATION	L0004717	VOLUME	495167.175	3760436.539	713.58
LOCATION	L0004718	VOLUME	495164.635	3760444.744	714.57
LOCATION	L0004719	VOLUME	495162.194	3760452.980	715.56
LOCATION	L0004720	VOLUME	495159.754	3760461.216	716.17
LOCATION	L0004721	VOLUME	495157.314	3760469.453	716.49
LOCATION	L0004722	VOLUME	495154.873	3760477.689	716.85
LOCATION	L0004723	VOLUME	495152.433	3760485.925	717.25
LOCATION	L0004724	VOLUME	495149.763	3760494.081	717.79
LOCATION	L0004725	VOLUME	495146.573	3760502.057	718.27
LOCATION	L0004726	VOLUME	495143.383	3760510.032	718.71
LOCATION	L0004727	VOLUME	495140.193	3760518.008	719.06
LOCATION	L0004728	VOLUME	495137.002	3760525.984	719.33
LOCATION	L0004729	VOLUME	495133.613	3760533.869	719.59
LOCATION	L0004730	VOLUME	495129.709	3760541.520	719.83
LOCATION	L0004731	VOLUME	495125.805	3760549.172	719.95
LOCATION	L0004732	VOLUME	495121.901	3760556.824	720.07
LOCATION	L0004733	VOLUME	495117.997	3760564.475	720.20
LOCATION	L0004734	VOLUME	495114.093	3760572.127	720.32
LOCATION	L0004735	VOLUME	495110.134	3760579.749	720.44
LOCATION	L0004736	VOLUME	495105.998	3760587.278	720.56
LOCATION	L0004737	VOLUME	495101.862	3760594.807	720.67
LOCATION	L0004738	VOLUME	495097.727	3760602.336	720.71
LOCATION	L0004739	VOLUME	495093.591	3760609.865	720.58
LOCATION	L0004740	VOLUME	495089.456	3760617.394	720.41
LOCATION	L0004741	VOLUME	495085.320	3760624.923	720.31
LOCATION	L0004742	VOLUME	495081.184	3760632.452	720.28
LOCATION	L0004743	VOLUME	495077.049	3760639.981	720.35
LOCATION	L0004744	VOLUME	495072.913	3760647.509	720.46
LOCATION	L0004745	VOLUME	495068.778	3760655.038	720.54
LOCATION	L0004746	VOLUME	495064.642	3760662.567	720.52
LOCATION	L0004747	VOLUME	495060.506	3760670.096	720.47
LOCATION	L0004748	VOLUME	495056.371	3760677.625	720.45
LOCATION	L0004749	VOLUME	495051.852	3760684.929	720.39
LOCATION	L0004750	VOLUME	495047.289	3760692.207	720.33
LOCATION	L0004751	VOLUME	495042.727	3760699.485	720.27
LOCATION	L0004752	VOLUME	495038.164	3760706.764	720.25
LOCATION	L0004753	VOLUME	495033.744	3760714.127	720.24
LOCATION	L0004754	VOLUME	495029.435	3760721.559	720.17
LOCATION	L0004755	VOLUME	495025.127	3760728.990	720.08

LOCATION L0004756	VOLUME	495020.819	3760736.422	720.04
LOCATION L0004757	VOLUME	495016.511	3760743.853	720.00
LOCATION L0004758	VOLUME	495012.203	3760751.285	719.96
LOCATION L0004759	VOLUME	495007.895	3760758.716	719.92
LOCATION L0004760	VOLUME	495003.587	3760766.148	719.88
LOCATION L0004761	VOLUME	494999.278	3760773.580	719.84
LOCATION L0004762	VOLUME	494994.970	3760781.011	719.80
LOCATION L0004763	VOLUME	494990.662	3760788.443	719.74
LOCATION L0004764	VOLUME	494986.354	3760795.874	719.66
LOCATION L0004765	VOLUME	494982.046	3760803.306	719.65
LOCATION L0004766	VOLUME	494977.863	3760810.807	719.71
LOCATION L0004767	VOLUME	494973.854	3760818.404	719.73
LOCATION L0004768	VOLUME	494969.844	3760826.001	719.44
LOCATION L0004769	VOLUME	494965.835	3760833.597	719.22
LOCATION L0004770	VOLUME	494961.826	3760841.194	719.06
LOCATION L0004771	VOLUME	494957.816	3760848.791	718.59
LOCATION L0004772	VOLUME	494953.807	3760856.388	717.34
LOCATION L0004773	VOLUME	494949.842	3760864.009	715.97
LOCATION L0004774	VOLUME	494945.896	3760871.638	714.27
LOCATION L0004775	VOLUME	494941.949	3760879.268	712.91
LOCATION L0004776	VOLUME	494938.003	3760886.898	711.99
LOCATION L0004777	VOLUME	494934.057	3760894.528	711.20
LOCATION L0004778	VOLUME	494930.183	3760902.194	710.55
LOCATION L0004779	VOLUME	494926.453	3760909.932	710.20
LOCATION L0004780	VOLUME	494922.722	3760917.669	710.08
LOCATION L0004781	VOLUME	494918.991	3760925.407	709.95
LOCATION L0004782	VOLUME	494915.405	3760933.212	709.83
LOCATION L0004783	VOLUME	494911.831	3760941.023	709.76
LOCATION L0004784	VOLUME	494908.256	3760948.834	709.77
LOCATION L0004785	VOLUME	494904.743	3760956.672	709.83
LOCATION L0004786	VOLUME	494901.336	3760964.558	709.97
LOCATION L0004787	VOLUME	494897.930	3760972.444	710.05
LOCATION L0004788	VOLUME	494894.523	3760980.329	710.07
LOCATION L0004789	VOLUME	494891.117	3760988.215	710.02
LOCATION L0004790	VOLUME	494887.710	3760996.101	710.00
LOCATION L0004791	VOLUME	494884.304	3761003.986	710.21
LOCATION L0004792	VOLUME	494880.897	3761011.872	710.36
LOCATION L0004793	VOLUME	494877.909	3761019.924	710.46
LOCATION L0004794	VOLUME	494874.973	3761027.997	710.61
LOCATION L0004795	VOLUME	494872.038	3761036.070	711.05
LOCATION L0004796	VOLUME	494869.102	3761044.142	711.49
LOCATION L0004797	VOLUME	494866.167	3761052.215	711.93
LOCATION L0004798	VOLUME	494863.231	3761060.288	712.36
LOCATION L0004799	VOLUME	494860.295	3761068.361	712.81
LOCATION L0004800	VOLUME	494857.360	3761076.434	713.38
LOCATION L0004801	VOLUME	494854.424	3761084.506	713.90
LOCATION L0004802	VOLUME	494851.489	3761092.579	714.43
LOCATION L0004803	VOLUME	494848.553	3761100.652	714.96
LOCATION L0004804	VOLUME	494845.618	3761108.725	715.50
LOCATION L0004805	VOLUME	494842.682	3761116.798	716.01
LOCATION L0004806	VOLUME	494839.599	3761124.813	716.09
LOCATION L0004807	VOLUME	494836.291	3761132.741	716.11
LOCATION L0004808	VOLUME	494832.983	3761140.668	716.07
LOCATION L0004809	VOLUME	494829.675	3761148.595	716.13
LOCATION L0004810	VOLUME	494826.366	3761156.523	716.61
LOCATION L0004811	VOLUME	494823.058	3761164.450	717.09
LOCATION L0004812	VOLUME	494819.750	3761172.378	717.58
LOCATION L0004813	VOLUME	494816.442	3761180.305	717.93
LOCATION L0004814	VOLUME	494811.962	3761187.611	718.23
LOCATION L0004815	VOLUME	494807.257	3761194.798	718.54
LOCATION L0004816	VOLUME	494802.553	3761201.986	718.85
LOCATION L0004817	VOLUME	494797.263	3761208.580	719.21
LOCATION L0004818	VOLUME	494790.015	3761213.191	719.77
LOCATION L0004819	VOLUME	494782.754	3761217.780	720.40
LOCATION L0004820	VOLUME	494775.334	3761222.108	721.11
LOCATION L0004821	VOLUME	494771.509	3761228.782	721.65

LOCATION L0004822	VOLUME	494770.535	3761237.316	721.98
LOCATION L0004823	VOLUME	494769.561	3761245.851	722.06
LOCATION L0004824	VOLUME	494768.588	3761254.385	722.15
LOCATION L0004825	VOLUME	494767.614	3761262.920	722.26
LOCATION L0004826	VOLUME	494766.640	3761271.455	722.41
LOCATION L0004827	VOLUME	494765.666	3761279.989	722.61
LOCATION L0004828	VOLUME	494764.693	3761288.524	722.85
LOCATION L0004829	VOLUME	494763.200	3761296.949	723.26
LOCATION L0004830	VOLUME	494760.629	3761305.145	724.42
LOCATION L0004831	VOLUME	494758.058	3761313.341	725.53
LOCATION L0004832	VOLUME	494755.486	3761321.537	726.59
LOCATION L0004833	VOLUME	494752.915	3761329.733	727.81
LOCATION L0004834	VOLUME	494750.344	3761337.929	729.10
LOCATION L0004835	VOLUME	494747.525	3761346.039	730.16
LOCATION L0004836	VOLUME	494744.410	3761354.044	730.94
LOCATION L0004837	VOLUME	494741.295	3761362.049	731.23
LOCATION L0004838	VOLUME	494738.180	3761370.054	731.50
LOCATION L0004839	VOLUME	494735.065	3761378.060	731.78
LOCATION L0004840	VOLUME	494731.950	3761386.065	732.00
LOCATION L0004841	VOLUME	494728.835	3761394.070	732.36
LOCATION L0004842	VOLUME	494725.720	3761402.076	732.79
LOCATION L0004843	VOLUME	494722.605	3761410.081	733.27
LOCATION L0004844	VOLUME	494719.490	3761418.086	733.67
LOCATION L0004845	VOLUME	494716.374	3761426.091	733.60
LOCATION L0004846	VOLUME	494713.259	3761434.097	733.42
LOCATION L0004847	VOLUME	494710.144	3761442.102	733.13
LOCATION L0004848	VOLUME	494707.029	3761450.107	732.90
LOCATION L0004849	VOLUME	494703.900	3761458.107	732.87
LOCATION L0004850	VOLUME	494700.748	3761466.098	732.89
LOCATION L0004851	VOLUME	494697.596	3761474.089	732.97
LOCATION L0004852	VOLUME	494694.443	3761482.079	733.00
LOCATION L0004853	VOLUME	494691.291	3761490.070	733.00
LOCATION L0004854	VOLUME	494688.139	3761498.061	733.00
LOCATION L0004855	VOLUME	494684.987	3761506.051	733.00
LOCATION L0004856	VOLUME	494681.834	3761514.042	733.01
LOCATION L0004857	VOLUME	494678.682	3761522.033	732.94
LOCATION L0004858	VOLUME	494675.530	3761530.023	732.84
LOCATION L0004859	VOLUME	494672.377	3761538.014	732.75
LOCATION L0004860	VOLUME	494669.225	3761546.005	732.75
LOCATION L0004861	VOLUME	494666.073	3761553.995	732.81
LOCATION L0004862	VOLUME	494662.921	3761561.986	732.92
LOCATION L0004863	VOLUME	494659.768	3761569.977	733.04
LOCATION L0004864	VOLUME	494656.616	3761577.968	733.08
LOCATION L0004865	VOLUME	494653.464	3761585.958	733.07
LOCATION L0004866	VOLUME	494650.311	3761593.949	733.00
LOCATION L0004867	VOLUME	494647.159	3761601.940	732.91
LOCATION L0004868	VOLUME	494644.002	3761609.928	732.89
LOCATION L0004869	VOLUME	494640.783	3761617.892	732.91
LOCATION L0004870	VOLUME	494637.564	3761625.856	733.00
LOCATION L0004871	VOLUME	494634.345	3761633.821	733.00
LOCATION L0004872	VOLUME	494631.126	3761641.785	733.00
LOCATION L0004873	VOLUME	494627.908	3761649.749	733.00
LOCATION L0004874	VOLUME	494624.689	3761657.713	733.05
LOCATION L0004875	VOLUME	494621.470	3761665.677	733.32
LOCATION L0004876	VOLUME	494618.251	3761673.641	733.54
LOCATION L0004877	VOLUME	494615.032	3761681.605	733.70
LOCATION L0004878	VOLUME	494611.813	3761689.569	733.75
LOCATION L0004879	VOLUME	494608.595	3761697.534	733.76
LOCATION L0004880	VOLUME	494605.376	3761705.498	733.82
LOCATION L0004881	VOLUME	494602.157	3761713.462	733.94
LOCATION L0004882	VOLUME	494598.938	3761721.426	734.17

\*\* END OF LINE VOLUME SOURCE ID = SLINE28

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\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

\*\* LINE VOLUME SOURCE ID = SLINE39

\*\* DESCRSRC WH CALIMESA 4%



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** PREFIX
** LENGTH OF SIDE = 8.59
** CONFIGURATION = ADJACENT
** EMISSION RATE = 8.668E-06
** VERTICAL DIMENSION = 6.99
** SZINIT = 3.25
** NODES = 40
** 495622.328, 3759881.406, 703.88, 3.49, 4.00
** 495616.197, 3759905.458, 704.53, 3.49, 4.00
** 495606.766, 3759914.418, 704.96, 3.49, 4.00
** 495586.487, 3759936.111, 706.21, 3.49, 4.00
** 495550.175, 3759955.446, 706.88, 3.49, 4.00
** 495500.658, 3759976.196, 706.97, 3.49, 4.00
** 495457.272, 3759982.798, 707.87, 3.49, 4.00
** 495435.579, 3759981.383, 707.04, 3.49, 4.00
** 495411.056, 3759982.798, 706.74, 3.49, 4.00
** 495379.931, 3759988.929, 705.18, 3.49, 4.00
** 495360.596, 3760001.662, 705.42, 3.49, 4.00
** 495342.204, 3760021.940, 701.86, 3.49, 4.00
** 495313.437, 3760070.514, 700.05, 3.49, 4.00
** 495290.329, 3760125.218, 701.08, 3.49, 4.00
** 495233.738, 3760244.531, 705.17, 3.49, 4.00
** 495219.591, 3760280.371, 706.00, 3.49, 4.00
** 495198.841, 3760346.866, 708.66, 3.49, 4.00
** 495175.261, 3760411.473, 712.49, 3.49, 4.00
** 495165.829, 3760440.712, 714.47, 3.49, 4.00
** 495150.738, 3760491.644, 717.12, 3.49, 4.00
** 495134.704, 3760531.729, 719.55, 3.49, 4.00
** 495111.125, 3760577.945, 720.10, 3.49, 4.00
** 495055.949, 3760678.393, 719.90, 3.49, 4.00
** 495036.142, 3760709.990, 720.45, 3.49, 4.00
** 494979.551, 3760807.609, 719.87, 3.49, 4.00
** 494952.671, 3760858.540, 718.53, 3.49, 4.00
** 494931.449, 3760899.569, 710.33, 3.49, 4.00
** 494918.716, 3760925.978, 709.99, 3.49, 4.00
** 494905.983, 3760953.802, 709.70, 3.49, 4.00
** 494880.517, 3761012.750, 710.55, 3.49, 4.00
** 494840.904, 3761121.687, 715.98, 3.49, 4.00
** 494815.910, 3761181.579, 718.04, 3.49, 4.00
** 494798.932, 3761207.517, 719.00, 3.49, 4.00
** 494783.370, 3761217.420, 720.36, 3.49, 4.00
** 494772.052, 3761224.022, 721.60, 3.49, 4.00
** 494764.035, 3761294.289, 722.24, 3.49, 4.00
** 494748.944, 3761342.391, 730.58, 3.49, 4.00
** 494705.086, 3761455.101, 733.00, 3.49, 4.00
** 494644.251, 3761609.311, 732.91, 3.49, 4.00
** 494598.507, 3761722.493, 733.94, 3.49, 4.00

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LOCATION L0007302      VOLUME  495621.267 3759885.568 703.98
LOCATION L0007303      VOLUME  495619.146 3759893.892 704.11
LOCATION L0007304      VOLUME  495617.024 3759902.216 704.30
LOCATION L0007305      VOLUME  495612.395 3759909.070 704.66
LOCATION L0007306      VOLUME  495606.202 3759915.021 704.96
LOCATION L0007307      VOLUME  495600.336 3759921.296 705.00
LOCATION L0007308      VOLUME  495594.470 3759927.571 705.23
LOCATION L0007309      VOLUME  495588.604 3759933.846 705.69
LOCATION L0007310      VOLUME  495581.641 3759938.691 706.41
LOCATION L0007311      VOLUME  495574.059 3759942.729 706.79
LOCATION L0007312      VOLUME  495566.477 3759946.766 707.00
LOCATION L0007313      VOLUME  495558.895 3759950.803 707.00
LOCATION L0007314      VOLUME  495551.313 3759954.840 707.00
LOCATION L0007315      VOLUME  495543.441 3759958.268 706.86
LOCATION L0007316      VOLUME  495535.519 3759961.588 706.76
LOCATION L0007317      VOLUME  495527.596 3759964.908 706.71
LOCATION L0007318      VOLUME  495519.674 3759968.228 706.73
LOCATION L0007319      VOLUME  495511.751 3759971.547 706.85

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LOCATION	L0007320	VOLUME	495503.829	3759974.867	706.96
LOCATION	L0007321	VOLUME	495495.564	3759976.971	707.09
LOCATION	L0007322	VOLUME	495487.072	3759978.263	707.30
LOCATION	L0007323	VOLUME	495478.580	3759979.556	707.64
LOCATION	L0007324	VOLUME	495470.088	3759980.848	707.93
LOCATION	L0007325	VOLUME	495461.595	3759982.140	708.17
LOCATION	L0007326	VOLUME	495453.064	3759982.524	707.92
LOCATION	L0007327	VOLUME	495444.492	3759981.965	707.56
LOCATION	L0007328	VOLUME	495435.921	3759981.406	707.22
LOCATION	L0007329	VOLUME	495427.345	3759981.858	707.00
LOCATION	L0007330	VOLUME	495418.769	3759982.353	707.00
LOCATION	L0007331	VOLUME	495410.208	3759982.965	707.00
LOCATION	L0007332	VOLUME	495401.780	3759984.625	707.00
LOCATION	L0007333	VOLUME	495393.352	3759986.285	706.61
LOCATION	L0007334	VOLUME	495384.924	3759987.945	706.17
LOCATION	L0007335	VOLUME	495377.007	3759990.854	705.82
LOCATION	L0007336	VOLUME	495369.833	3759995.579	705.59
LOCATION	L0007337	VOLUME	495362.659	3760000.303	705.03
LOCATION	L0007338	VOLUME	495356.485	3760006.195	704.61
LOCATION	L0007339	VOLUME	495350.714	3760012.558	703.53
LOCATION	L0007340	VOLUME	495344.943	3760018.920	702.54
LOCATION	L0007341	VOLUME	495339.904	3760025.823	701.66
LOCATION	L0007342	VOLUME	495335.527	3760033.214	701.00
LOCATION	L0007343	VOLUME	495331.150	3760040.606	700.79
LOCATION	L0007344	VOLUME	495326.772	3760047.997	700.76
LOCATION	L0007345	VOLUME	495322.395	3760055.388	700.66
LOCATION	L0007346	VOLUME	495318.018	3760062.779	700.48
LOCATION	L0007347	VOLUME	495313.641	3760070.170	700.35
LOCATION	L0007348	VOLUME	495310.250	3760078.059	700.39
LOCATION	L0007349	VOLUME	495306.907	3760085.972	700.47
LOCATION	L0007350	VOLUME	495303.565	3760093.885	700.49
LOCATION	L0007351	VOLUME	495300.222	3760101.798	700.70
LOCATION	L0007352	VOLUME	495296.880	3760109.710	701.00
LOCATION	L0007353	VOLUME	495293.537	3760117.623	701.31
LOCATION	L0007354	VOLUME	495290.181	3760125.530	701.61
LOCATION	L0007355	VOLUME	495286.500	3760133.292	701.12
LOCATION	L0007356	VOLUME	495282.819	3760141.053	700.63
LOCATION	L0007357	VOLUME	495279.137	3760148.814	700.18
LOCATION	L0007358	VOLUME	495275.456	3760156.575	699.85
LOCATION	L0007359	VOLUME	495271.775	3760164.337	700.06
LOCATION	L0007360	VOLUME	495268.094	3760172.098	700.34
LOCATION	L0007361	VOLUME	495264.412	3760179.859	700.68
LOCATION	L0007362	VOLUME	495260.731	3760187.620	701.05
LOCATION	L0007363	VOLUME	495257.050	3760195.381	701.31
LOCATION	L0007364	VOLUME	495253.369	3760203.143	701.56
LOCATION	L0007365	VOLUME	495249.688	3760210.904	701.86
LOCATION	L0007366	VOLUME	495246.006	3760218.665	702.46
LOCATION	L0007367	VOLUME	495242.325	3760226.426	703.22
LOCATION	L0007368	VOLUME	495238.644	3760234.188	703.98
LOCATION	L0007369	VOLUME	495234.963	3760241.949	704.75
LOCATION	L0007370	VOLUME	495231.633	3760249.863	705.25
LOCATION	L0007371	VOLUME	495228.479	3760257.853	705.46
LOCATION	L0007372	VOLUME	495225.325	3760265.843	705.67
LOCATION	L0007373	VOLUME	495222.172	3760273.833	705.88
LOCATION	L0007374	VOLUME	495219.126	3760281.861	706.26
LOCATION	L0007375	VOLUME	495216.567	3760290.061	706.66
LOCATION	L0007376	VOLUME	495214.008	3760298.261	707.00
LOCATION	L0007377	VOLUME	495211.449	3760306.461	707.30
LOCATION	L0007378	VOLUME	495208.890	3760314.661	707.49
LOCATION	L0007379	VOLUME	495206.331	3760322.861	707.73
LOCATION	L0007380	VOLUME	495203.772	3760331.061	708.01
LOCATION	L0007381	VOLUME	495201.214	3760339.261	708.34
LOCATION	L0007382	VOLUME	495198.627	3760347.452	708.72
LOCATION	L0007383	VOLUME	495195.682	3760355.521	709.18
LOCATION	L0007384	VOLUME	495192.737	3760363.590	709.68
LOCATION	L0007385	VOLUME	495189.792	3760371.660	710.24

LOCATION	L0007386	VOLUME	495186.847	3760379.729	710.75
LOCATION	L0007387	VOLUME	495183.901	3760387.799	711.21
LOCATION	L0007388	VOLUME	495180.956	3760395.868	711.62
LOCATION	L0007389	VOLUME	495178.011	3760403.937	711.82
LOCATION	L0007390	VOLUME	495175.087	3760412.014	712.02
LOCATION	L0007391	VOLUME	495172.450	3760420.189	712.20
LOCATION	L0007392	VOLUME	495169.812	3760428.364	712.59
LOCATION	L0007393	VOLUME	495167.175	3760436.539	713.58
LOCATION	L0007394	VOLUME	495164.635	3760444.744	714.57
LOCATION	L0007395	VOLUME	495162.194	3760452.980	715.56
LOCATION	L0007396	VOLUME	495159.754	3760461.216	716.17
LOCATION	L0007397	VOLUME	495157.314	3760469.453	716.49
LOCATION	L0007398	VOLUME	495154.873	3760477.689	716.85
LOCATION	L0007399	VOLUME	495152.433	3760485.925	717.25
LOCATION	L0007400	VOLUME	495149.763	3760494.081	717.79
LOCATION	L0007401	VOLUME	495146.573	3760502.057	718.27
LOCATION	L0007402	VOLUME	495143.383	3760510.032	718.71
LOCATION	L0007403	VOLUME	495140.193	3760518.008	719.06
LOCATION	L0007404	VOLUME	495137.002	3760525.984	719.33
LOCATION	L0007405	VOLUME	495133.613	3760533.869	719.59
LOCATION	L0007406	VOLUME	495129.709	3760541.520	719.83
LOCATION	L0007407	VOLUME	495125.805	3760549.172	719.95
LOCATION	L0007408	VOLUME	495121.901	3760556.824	720.07
LOCATION	L0007409	VOLUME	495117.997	3760564.475	720.20
LOCATION	L0007410	VOLUME	495114.093	3760572.127	720.32
LOCATION	L0007411	VOLUME	495110.134	3760579.749	720.44
LOCATION	L0007412	VOLUME	495105.998	3760587.278	720.56
LOCATION	L0007413	VOLUME	495101.862	3760594.807	720.67
LOCATION	L0007414	VOLUME	495097.727	3760602.336	720.71
LOCATION	L0007415	VOLUME	495093.591	3760609.865	720.58
LOCATION	L0007416	VOLUME	495089.456	3760617.394	720.41
LOCATION	L0007417	VOLUME	495085.320	3760624.923	720.31
LOCATION	L0007418	VOLUME	495081.184	3760632.452	720.28
LOCATION	L0007419	VOLUME	495077.049	3760639.981	720.35
LOCATION	L0007420	VOLUME	495072.913	3760647.509	720.46
LOCATION	L0007421	VOLUME	495068.778	3760655.038	720.54
LOCATION	L0007422	VOLUME	495064.642	3760662.567	720.52
LOCATION	L0007423	VOLUME	495060.506	3760670.096	720.47
LOCATION	L0007424	VOLUME	495056.371	3760677.625	720.45
LOCATION	L0007425	VOLUME	495051.852	3760684.929	720.39
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LOCATION	L0007427	VOLUME	495042.727	3760699.485	720.27
LOCATION	L0007428	VOLUME	495038.164	3760706.764	720.25
LOCATION	L0007429	VOLUME	495033.744	3760714.127	720.24
LOCATION	L0007430	VOLUME	495029.435	3760721.559	720.17
LOCATION	L0007431	VOLUME	495025.127	3760728.990	720.08
LOCATION	L0007432	VOLUME	495020.819	3760736.422	720.04
LOCATION	L0007433	VOLUME	495016.511	3760743.853	720.00
LOCATION	L0007434	VOLUME	495012.203	3760751.285	719.96
LOCATION	L0007435	VOLUME	495007.895	3760758.716	719.92
LOCATION	L0007436	VOLUME	495003.587	3760766.148	719.88
LOCATION	L0007437	VOLUME	494999.278	3760773.580	719.84
LOCATION	L0007438	VOLUME	494994.970	3760781.011	719.80
LOCATION	L0007439	VOLUME	494990.662	3760788.443	719.74
LOCATION	L0007440	VOLUME	494986.354	3760795.874	719.66
LOCATION	L0007441	VOLUME	494982.046	3760803.306	719.65
LOCATION	L0007442	VOLUME	494977.863	3760810.807	719.71
LOCATION	L0007443	VOLUME	494973.854	3760818.404	719.73
LOCATION	L0007444	VOLUME	494969.844	3760826.001	719.44
LOCATION	L0007445	VOLUME	494965.835	3760833.597	719.22
LOCATION	L0007446	VOLUME	494961.826	3760841.194	719.06
LOCATION	L0007447	VOLUME	494957.816	3760848.791	718.59
LOCATION	L0007448	VOLUME	494953.807	3760856.388	717.34
LOCATION	L0007449	VOLUME	494949.842	3760864.009	715.97
LOCATION	L0007450	VOLUME	494945.896	3760871.638	714.27
LOCATION	L0007451	VOLUME	494941.949	3760879.268	712.91

LOCATION	L0007452	VOLUME	494938.003	3760886.898	711.99
LOCATION	L0007453	VOLUME	494934.057	3760894.528	711.20
LOCATION	L0007454	VOLUME	494930.183	3760902.194	710.55
LOCATION	L0007455	VOLUME	494926.453	3760909.932	710.20
LOCATION	L0007456	VOLUME	494922.722	3760917.669	710.08
LOCATION	L0007457	VOLUME	494918.991	3760925.407	709.95
LOCATION	L0007458	VOLUME	494915.405	3760933.212	709.83
LOCATION	L0007459	VOLUME	494911.831	3760941.023	709.76
LOCATION	L0007460	VOLUME	494908.256	3760948.834	709.77
LOCATION	L0007461	VOLUME	494904.743	3760956.672	709.83
LOCATION	L0007462	VOLUME	494901.336	3760964.558	709.97
LOCATION	L0007463	VOLUME	494897.930	3760972.444	710.05
LOCATION	L0007464	VOLUME	494894.523	3760980.329	710.07
LOCATION	L0007465	VOLUME	494891.117	3760988.215	710.02
LOCATION	L0007466	VOLUME	494887.710	3760996.101	710.00
LOCATION	L0007467	VOLUME	494884.304	3761003.986	710.21
LOCATION	L0007468	VOLUME	494880.897	3761011.872	710.36
LOCATION	L0007469	VOLUME	494877.909	3761019.924	710.46
LOCATION	L0007470	VOLUME	494874.973	3761027.997	710.61
LOCATION	L0007471	VOLUME	494872.038	3761036.070	711.05
LOCATION	L0007472	VOLUME	494869.102	3761044.142	711.49
LOCATION	L0007473	VOLUME	494866.167	3761052.215	711.93
LOCATION	L0007474	VOLUME	494863.231	3761060.288	712.36
LOCATION	L0007475	VOLUME	494860.295	3761068.361	712.81
LOCATION	L0007476	VOLUME	494857.360	3761076.434	713.38
LOCATION	L0007477	VOLUME	494854.424	3761084.506	713.90
LOCATION	L0007478	VOLUME	494851.489	3761092.579	714.43
LOCATION	L0007479	VOLUME	494848.553	3761100.652	714.96
LOCATION	L0007480	VOLUME	494845.618	3761108.725	715.50
LOCATION	L0007481	VOLUME	494842.682	3761116.798	716.01
LOCATION	L0007482	VOLUME	494839.599	3761124.813	716.09
LOCATION	L0007483	VOLUME	494836.291	3761132.741	716.11
LOCATION	L0007484	VOLUME	494832.983	3761140.668	716.07
LOCATION	L0007485	VOLUME	494829.675	3761148.595	716.13
LOCATION	L0007486	VOLUME	494826.366	3761156.523	716.61
LOCATION	L0007487	VOLUME	494823.058	3761164.450	717.09
LOCATION	L0007488	VOLUME	494819.750	3761172.378	717.58
LOCATION	L0007489	VOLUME	494816.442	3761180.305	717.93
LOCATION	L0007490	VOLUME	494811.962	3761187.611	718.23
LOCATION	L0007491	VOLUME	494807.257	3761194.798	718.54
LOCATION	L0007492	VOLUME	494802.553	3761201.986	718.85
LOCATION	L0007493	VOLUME	494797.263	3761208.580	719.21
LOCATION	L0007494	VOLUME	494790.015	3761213.191	719.77
LOCATION	L0007495	VOLUME	494782.754	3761217.780	720.40
LOCATION	L0007496	VOLUME	494775.334	3761222.108	721.11
LOCATION	L0007497	VOLUME	494771.509	3761228.782	721.65
LOCATION	L0007498	VOLUME	494770.535	3761237.316	721.98
LOCATION	L0007499	VOLUME	494769.561	3761245.851	722.06
LOCATION	L0007500	VOLUME	494768.588	3761254.385	722.15
LOCATION	L0007501	VOLUME	494767.614	3761262.920	722.26
LOCATION	L0007502	VOLUME	494766.640	3761271.455	722.41
LOCATION	L0007503	VOLUME	494765.666	3761279.989	722.61
LOCATION	L0007504	VOLUME	494764.693	3761288.524	722.85
LOCATION	L0007505	VOLUME	494763.200	3761296.949	723.26
LOCATION	L0007506	VOLUME	494760.629	3761305.145	724.42
LOCATION	L0007507	VOLUME	494758.058	3761313.341	725.53
LOCATION	L0007508	VOLUME	494755.486	3761321.537	726.59
LOCATION	L0007509	VOLUME	494752.915	3761329.733	727.81
LOCATION	L0007510	VOLUME	494750.344	3761337.929	729.10
LOCATION	L0007511	VOLUME	494747.525	3761346.039	730.16
LOCATION	L0007512	VOLUME	494744.410	3761354.044	730.94
LOCATION	L0007513	VOLUME	494741.295	3761362.049	731.23
LOCATION	L0007514	VOLUME	494738.180	3761370.054	731.50
LOCATION	L0007515	VOLUME	494735.065	3761378.060	731.78
LOCATION	L0007516	VOLUME	494731.950	3761386.065	732.00
LOCATION	L0007517	VOLUME	494728.835	3761394.070	732.36

LOCATION	VOLUME				
L0007518	494725.720	3761402.076	732.79		
L0007519	494722.605	3761410.081	733.27		
L0007520	494719.490	3761418.086	733.67		
L0007521	494716.374	3761426.091	733.60		
L0007522	494713.259	3761434.097	733.42		
L0007523	494710.144	3761442.102	733.13		
L0007524	494707.029	3761450.107	732.90		
L0007525	494703.900	3761458.107	732.87		
L0007526	494700.748	3761466.098	732.89		
L0007527	494697.596	3761474.089	732.97		
L0007528	494694.443	3761482.079	733.00		
L0007529	494691.291	3761490.070	733.00		
L0007530	494688.139	3761498.061	733.00		
L0007531	494684.987	3761506.051	733.00		
L0007532	494681.834	3761514.042	733.01		
L0007533	494678.682	3761522.033	732.94		
L0007534	494675.530	3761530.023	732.84		
L0007535	494672.377	3761538.014	732.75		
L0007536	494669.225	3761546.005	732.75		
L0007537	494666.073	3761553.995	732.81		
L0007538	494662.921	3761561.986	732.92		
L0007539	494659.768	3761569.977	733.04		
L0007540	494656.616	3761577.968	733.08		
L0007541	494653.464	3761585.958	733.07		
L0007542	494650.311	3761593.949	733.00		
L0007543	494647.159	3761601.940	732.91		
L0007544	494644.002	3761609.928	732.89		
L0007545	494640.783	3761617.892	732.91		
L0007546	494637.564	3761625.856	733.00		
L0007547	494634.345	3761633.821	733.00		
L0007548	494631.126	3761641.785	733.00		
L0007549	494627.908	3761649.749	733.00		
L0007550	494624.689	3761657.713	733.05		
L0007551	494621.470	3761665.677	733.32		
L0007552	494618.251	3761673.641	733.54		
L0007553	494615.032	3761681.605	733.70		
L0007554	494611.813	3761689.569	733.75		
L0007555	494608.595	3761697.534	733.76		
L0007556	494605.376	3761705.498	733.82		
L0007557	494602.157	3761713.462	733.94		
L0007558	494598.938	3761721.426	734.17		

\*\* END OF LINE VOLUME SOURCE ID = SLINE39

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\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

\*\* LINE VOLUME SOURCE ID = SLINE29

\*\* DESCRSRC WH CALIMESA 30%

\*\* PREFIX

\*\* LENGTH OF SIDE = 14.00

\*\* CONFIGURATION = ADJACENT

\*\* EMISSION RATE = 0.00002543

\*\* VERTICAL DIMENSION = 6.99

\*\* SZINIT = 3.25

\*\* NODES = 15

\*\* 496200.060, 3759159.450, 695.00, 3.49, 6.51

\*\* 496279.562, 3759090.788, 695.00, 3.49, 6.51

\*\* 496372.616, 3759001.348, 695.74, 3.49, 6.51

\*\* 496489.159, 3758899.260, 702.21, 3.49, 6.51

\*\* 496545.173, 3758852.281, 704.57, 3.49, 6.51

\*\* 496588.537, 3758820.661, 704.93, 3.49, 6.51

\*\* 496617.775, 3758802.663, 705.14, 3.49, 6.51

\*\* 496654.089, 3758784.742, 705.25, 3.49, 6.51

\*\* 496722.000, 3758762.576, 705.92, 3.49, 6.51

\*\* 496799.816, 3758744.183, 706.69, 3.49, 6.51

\*\* 496826.226, 3758736.166, 706.94, 3.49, 6.51

\*\* 496857.352, 3758712.114, 708.39, 3.49, 6.51

\*\* 496875.273, 3758688.533, 709.02, 3.49, 6.51

\*\* 496880.461, 3758668.254, 710.50, 3.49, 6.51

\*\* 496880.461, 3758665.425, 710.46, 3.49, 6.51

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LOCATION	L0007559	VOLUME	496205.358	3759154.874	695.00
LOCATION	L0007560	VOLUME	496215.953	3759145.724	695.00
LOCATION	L0007561	VOLUME	496226.549	3759136.573	695.00
LOCATION	L0007562	VOLUME	496237.144	3759127.422	695.00
LOCATION	L0007563	VOLUME	496247.740	3759118.272	695.00
LOCATION	L0007564	VOLUME	496258.335	3759109.121	695.00
LOCATION	L0007565	VOLUME	496268.931	3759099.970	695.00
LOCATION	L0007566	VOLUME	496279.526	3759090.820	695.00
LOCATION	L0007567	VOLUME	496289.622	3759081.120	695.00
LOCATION	L0007568	VOLUME	496299.715	3759071.418	695.00
LOCATION	L0007569	VOLUME	496309.809	3759061.717	695.00
LOCATION	L0007570	VOLUME	496319.902	3759052.015	695.00
LOCATION	L0007571	VOLUME	496329.996	3759042.314	695.13
LOCATION	L0007572	VOLUME	496340.089	3759032.612	695.31
LOCATION	L0007573	VOLUME	496350.183	3759022.910	695.27
LOCATION	L0007574	VOLUME	496360.276	3759013.209	695.20
LOCATION	L0007575	VOLUME	496370.370	3759003.507	695.71
LOCATION	L0007576	VOLUME	496380.804	3758994.176	695.97
LOCATION	L0007577	VOLUME	496391.335	3758984.952	696.12
LOCATION	L0007578	VOLUME	496401.866	3758975.727	697.05
LOCATION	L0007579	VOLUME	496412.397	3758966.502	697.97
LOCATION	L0007580	VOLUME	496422.928	3758957.277	698.81
LOCATION	L0007581	VOLUME	496433.459	3758948.052	698.95
LOCATION	L0007582	VOLUME	496443.990	3758938.827	699.25
LOCATION	L0007583	VOLUME	496454.521	3758929.603	699.91
LOCATION	L0007584	VOLUME	496465.052	3758920.378	700.88
LOCATION	L0007585	VOLUME	496475.583	3758911.153	701.50
LOCATION	L0007586	VOLUME	496486.114	3758901.928	701.81
LOCATION	L0007587	VOLUME	496496.784	3758892.865	702.27
LOCATION	L0007588	VOLUME	496507.511	3758883.869	702.86
LOCATION	L0007589	VOLUME	496518.237	3758874.872	703.50
LOCATION	L0007590	VOLUME	496528.964	3758865.876	704.02
LOCATION	L0007591	VOLUME	496539.691	3758856.879	704.63
LOCATION	L0007592	VOLUME	496550.703	3758848.248	704.85
LOCATION	L0007593	VOLUME	496562.016	3758840.000	705.03
LOCATION	L0007594	VOLUME	496573.328	3758831.752	705.05
LOCATION	L0007595	VOLUME	496584.640	3758823.503	704.95
LOCATION	L0007596	VOLUME	496596.352	3758815.851	704.81
LOCATION	L0007597	VOLUME	496608.274	3758808.511	704.94
LOCATION	L0007598	VOLUME	496620.324	3758801.404	705.16
LOCATION	L0007599	VOLUME	496632.879	3758795.209	705.34
LOCATION	L0007600	VOLUME	496645.433	3758789.013	705.29
LOCATION	L0007601	VOLUME	496658.222	3758783.393	705.06
LOCATION	L0007602	VOLUME	496671.531	3758779.049	705.00
LOCATION	L0007603	VOLUME	496684.840	3758774.705	705.06
LOCATION	L0007604	VOLUME	496698.149	3758770.361	705.40
LOCATION	L0007605	VOLUME	496711.458	3758766.017	705.80
LOCATION	L0007606	VOLUME	496724.833	3758761.906	706.00
LOCATION	L0007607	VOLUME	496738.457	3758758.686	706.00
LOCATION	L0007608	VOLUME	496752.082	3758755.466	706.02
LOCATION	L0007609	VOLUME	496765.706	3758752.245	706.10
LOCATION	L0007610	VOLUME	496779.331	3758749.025	706.09
LOCATION	L0007611	VOLUME	496792.956	3758745.805	706.42
LOCATION	L0007612	VOLUME	496806.467	3758742.164	706.87
LOCATION	L0007613	VOLUME	496819.863	3758738.097	707.08
LOCATION	L0007614	VOLUME	496832.042	3758731.671	707.35
LOCATION	L0007615	VOLUME	496843.120	3758723.111	707.88
LOCATION	L0007616	VOLUME	496854.198	3758714.551	708.43
LOCATION	L0007617	VOLUME	496863.412	3758704.141	708.67
LOCATION	L0007618	VOLUME	496871.883	3758692.994	709.05
LOCATION	L0007619	VOLUME	496877.354	3758680.399	709.42
LOCATION	L0007620	VOLUME	496880.461	3758666.790	709.98

\*\* END OF LINE VOLUME SOURCE ID = SLINE29

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** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE30
** DESCRSRC WH CV 4% E
** PREFIX
** LENGTH OF SIDE = 8.59
** CONFIGURATION = ADJACENT
** EMISSION RATE = 1.248E-06
** VERTICAL DIMENSION = 6.99
** SZINIT = 3.25
** NODES = 2
** 496880.776, 3758659.964, 710.41, 3.49, 4.00
** 497198.031, 3758669.847, 720.98, 3.49, 4.00
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LOCATION	VOLUME	496885.069	3758660.098	710.36
LOCATION L0007621	VOLUME	496885.069	3758660.098	710.36
LOCATION L0007622	VOLUME	496893.654	3758660.366	710.63
LOCATION L0007623	VOLUME	496902.240	3758660.633	710.91
LOCATION L0007624	VOLUME	496910.826	3758660.900	711.19
LOCATION L0007625	VOLUME	496919.412	3758661.168	711.46
LOCATION L0007626	VOLUME	496927.998	3758661.435	711.74
LOCATION L0007627	VOLUME	496936.584	3758661.703	712.02
LOCATION L0007628	VOLUME	496945.169	3758661.970	712.30
LOCATION L0007629	VOLUME	496953.755	3758662.238	712.57
LOCATION L0007630	VOLUME	496962.341	3758662.505	712.86
LOCATION L0007631	VOLUME	496970.927	3758662.773	713.21
LOCATION L0007632	VOLUME	496979.513	3758663.040	713.55
LOCATION L0007633	VOLUME	496988.099	3758663.307	713.90
LOCATION L0007634	VOLUME	496996.684	3758663.575	714.21
LOCATION L0007635	VOLUME	497005.270	3758663.842	714.49
LOCATION L0007636	VOLUME	497013.856	3758664.110	714.78
LOCATION L0007637	VOLUME	497022.442	3758664.377	715.07
LOCATION L0007638	VOLUME	497031.028	3758664.645	715.35
LOCATION L0007639	VOLUME	497039.614	3758664.912	715.64
LOCATION L0007640	VOLUME	497048.200	3758665.180	715.92
LOCATION L0007641	VOLUME	497056.785	3758665.447	716.49
LOCATION L0007642	VOLUME	497065.371	3758665.714	717.15
LOCATION L0007643	VOLUME	497073.957	3758665.982	717.82
LOCATION L0007644	VOLUME	497082.543	3758666.249	718.34
LOCATION L0007645	VOLUME	497091.129	3758666.517	718.35
LOCATION L0007646	VOLUME	497099.715	3758666.784	718.35
LOCATION L0007647	VOLUME	497108.300	3758667.052	718.36
LOCATION L0007648	VOLUME	497116.886	3758667.319	718.37
LOCATION L0007649	VOLUME	497125.472	3758667.586	718.38
LOCATION L0007650	VOLUME	497134.058	3758667.854	718.39
LOCATION L0007651	VOLUME	497142.644	3758668.121	718.47
LOCATION L0007652	VOLUME	497151.230	3758668.389	718.77
LOCATION L0007653	VOLUME	497159.815	3758668.656	719.06
LOCATION L0007654	VOLUME	497168.401	3758668.924	719.36
LOCATION L0007655	VOLUME	497176.987	3758669.191	719.87
LOCATION L0007656	VOLUME	497185.573	3758669.459	720.45
LOCATION L0007657	VOLUME	497194.159	3758669.726	721.03

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** END OF LINE VOLUME SOURCE ID = SLINE30
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** LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES
** LINE VOLUME SOURCE ID = SLINE31
** DESCRSRC WH CV 26%
** PREFIX
** LENGTH OF SIDE = 8.59
** CONFIGURATION = ADJACENT
** EMISSION RATE = 6.76E-06
** VERTICAL DIMENSION = 6.99
** SZINIT = 3.25
** NODES = 11
** 496876.686, 3758658.601, 710.18, 3.49, 4.00
** 496843.973, 3758657.920, 710.15, 3.49, 4.00
** 496810.918, 3758655.875, 716.00, 3.49, 4.00

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\*\* 496786.042, 3758654.171, 716.11, 3.49, 4.00  
\*\* 496756.736, 3758649.401, 716.37, 3.49, 4.00  
\*\* 496729.134, 3758643.607, 716.19, 3.49, 4.00  
\*\* 496704.939, 3758634.407, 717.30, 3.49, 4.00  
\*\* 496687.560, 3758627.591, 716.04, 3.49, 4.00  
\*\* 496663.706, 3758614.983, 717.34, 3.49, 4.00  
\*\* 496640.875, 3758599.989, 718.95, 3.49, 4.00  
\*\* 496626.562, 3758590.788, 718.95, 3.49, 4.00

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LOCATION L0007658        VOLUME    496872.392 3758658.512 709.99  
LOCATION L0007659        VOLUME    496863.804 3758658.333 709.90  
LOCATION L0007660        VOLUME    496855.216 3758658.154 709.87  
LOCATION L0007661        VOLUME    496846.628 3758657.975 709.84  
LOCATION L0007662        VOLUME    496838.050 3758657.553 710.33  
LOCATION L0007663        VOLUME    496829.476 3758657.023 712.06  
LOCATION L0007664        VOLUME    496820.903 3758656.493 713.85  
LOCATION L0007665        VOLUME    496812.329 3758655.962 715.65  
LOCATION L0007666        VOLUME    496803.759 3758655.385 716.08  
LOCATION L0007667        VOLUME    496795.189 3758654.798 716.14  
LOCATION L0007668        VOLUME    496786.619 3758654.211 716.20  
LOCATION L0007669        VOLUME    496778.134 3758652.884 716.34  
LOCATION L0007670        VOLUME    496769.656 3758651.504 716.52  
LOCATION L0007671        VOLUME    496761.177 3758650.124 716.73  
LOCATION L0007672        VOLUME    496752.733 3758648.560 717.00  
LOCATION L0007673        VOLUME    496744.326 3758646.796 717.05  
LOCATION L0007674        VOLUME    496735.919 3758645.032 717.00  
LOCATION L0007675        VOLUME    496727.585 3758643.019 716.99  
LOCATION L0007676        VOLUME    496719.556 3758639.965 717.08  
LOCATION L0007677        VOLUME    496711.527 3758636.912 716.78  
LOCATION L0007678        VOLUME    496703.504 3758633.844 716.43  
LOCATION L0007679        VOLUME    496695.507 3758630.708 716.03  
LOCATION L0007680        VOLUME    496687.512 3758627.566 715.96  
LOCATION L0007681        VOLUME    496679.918 3758623.552 716.41  
LOCATION L0007682        VOLUME    496672.324 3758619.538 716.87  
LOCATION L0007683        VOLUME    496664.729 3758615.524 717.47  
LOCATION L0007684        VOLUME    496657.493 3758610.903 718.02  
LOCATION L0007685        VOLUME    496650.313 3758606.188 718.33  
LOCATION L0007686        VOLUME    496643.133 3758601.472 718.65  
LOCATION L0007687        VOLUME    496635.922 3758596.805 718.96  
LOCATION L0007688        VOLUME    496628.696 3758592.160 718.96

\*\* END OF LINE VOLUME SOURCE ID = SLINE31

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\*\*  
\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES  
\*\* LINE VOLUME SOURCE ID = SLINE32  
\*\* DESCRSRC WH CV 4% W  
\*\* PREFIX  
\*\* LENGTH OF SIDE = 14.00  
\*\* CONFIGURATION = ADJACENT  
\*\* EMISSION RATE = 1.592E-06  
\*\* VERTICAL DIMENSION = 6.99  
\*\* SZINIT = 3.25  
\*\* NODES = 13  
\*\* 496623.836, 3758588.403, 718.89, 3.49, 6.51  
\*\* 496583.285, 3758550.578, 719.65, 3.49, 6.51  
\*\* 496561.135, 3758527.746, 719.11, 3.49, 6.51  
\*\* 496542.733, 3758506.618, 718.99, 3.49, 6.51  
\*\* 496529.443, 3758486.172, 718.07, 3.49, 6.51  
\*\* 496501.159, 3758445.280, 719.00, 3.49, 6.51  
\*\* 496485.143, 3758416.996, 719.00, 3.49, 6.51  
\*\* 496475.602, 3758400.639, 719.00, 3.49, 6.51  
\*\* 496467.764, 3758376.104, 719.75, 3.49, 6.51  
\*\* 496462.993, 3758355.999, 721.68, 3.49, 6.51  
\*\* 496457.200, 3758324.989, 719.00, 3.49, 6.51  
\*\* 496454.133, 3758299.090, 719.00, 3.49, 6.51  
\*\* 496448.340, 3758239.456, 718.01, 3.49, 6.51  
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LOCATION	VOLUME				
L0007689	496618.717	3758583.628	718.94		
L0007690	496608.480	3758574.079	719.35		
L0007691	496598.242	3758564.529	720.05		
L0007692	496588.004	3758554.980	720.06		
L0007693	496578.031	3758545.162	719.65		
L0007694	496568.282	3758535.113	719.00		
L0007695	496558.681	3758524.929	719.00		
L0007696	496549.487	3758514.372	719.00		
L0007697	496540.707	3758503.501	718.91		
L0007698	496533.077	3758491.763	718.52		
L0007699	496525.273	3758480.142	718.13		
L0007700	496517.309	3758468.628	718.25		
L0007701	496509.345	3758457.114	718.64		
L0007702	496501.381	3758445.600	719.00		
L0007703	496494.453	3758433.436	719.00		
L0007704	496487.554	3758421.254	719.00		
L0007705	496480.554	3758409.129	719.00		
L0007706	496474.333	3758396.666	719.13		
L0007707	496470.072	3758383.330	719.69		
L0007708	496466.283	3758369.863	721.16		
L0007709	496463.051	3758356.241	722.25		
L0007710	496460.468	3758342.482	720.63		
L0007711	496457.897	3758328.720	719.23		
L0007712	496456.000	3758314.855	719.00		
L0007713	496454.354	3758300.953	719.00		
L0007714	496452.961	3758287.022	719.00		
L0007715	496451.607	3758273.088	719.00		
L0007716	496450.254	3758259.154	718.77		
L0007717	496448.900	3758245.219	718.30		

\*\* END OF LINE VOLUME SOURCE ID = SLINE32

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\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

\*\* LINE VOLUME SOURCE ID = SLINE33

\*\* DESCRSRC WH CALIMESA 15%

\*\* PREFIX

\*\* LENGTH OF SIDE = 14.00

\*\* CONFIGURATION = ADJACENT

\*\* EMISSION RATE = 5.433E-06

\*\* VERTICAL DIMENSION = 6.99

\*\* SZINIT = 3.25

\*\* NODES = 8

\*\* 496200.805, 3759159.545, 695.00, 3.49, 6.51

\*\* 496161.184, 3759190.205, 695.00, 3.49, 6.51

\*\* 496135.713, 3759209.544, 695.00, 3.49, 6.51

\*\* 496110.242, 3759226.524, 695.00, 3.49, 6.51

\*\* 496067.318, 3759251.524, 695.00, 3.49, 6.51

\*\* 496015.905, 3759278.882, 694.15, 3.49, 6.51

\*\* 495938.548, 3759320.862, 694.96, 3.49, 6.51

\*\* 495885.719, 3759349.163, 695.00, 3.49, 6.51

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LOCATION	VOLUME				
L0007718	496195.269	3759163.829	695.00		
L0007719	496184.197	3759172.397	695.00		
L0007720	496173.125	3759180.965	695.00		
L0007721	496162.053	3759189.532	695.00		
L0007722	496150.909	3759198.006	695.00		
L0007723	496139.758	3759206.472	695.00		
L0007724	496128.290	3759214.492	695.00		
L0007725	496116.642	3759222.258	695.00		
L0007726	496104.791	3759229.699	695.00		
L0007727	496092.693	3759236.745	695.00		
L0007728	496080.595	3759243.791	695.00		
L0007729	496068.498	3759250.837	695.00		
L0007730	496056.164	3759257.459	694.96		
L0007731	496043.805	3759264.036	694.74		
L0007732	496031.445	3759270.612	694.52		
L0007733	496019.086	3759277.189	694.30		

LOCATION L0007734	VOLUME	496006.767	3759283.840	694.08
LOCATION L0007735	VOLUME	495994.462	3759290.518	694.00
LOCATION L0007736	VOLUME	495982.158	3759297.195	694.00
LOCATION L0007737	VOLUME	495969.853	3759303.873	694.01
LOCATION L0007738	VOLUME	495957.548	3759310.551	694.35
LOCATION L0007739	VOLUME	495945.243	3759317.228	694.81
LOCATION L0007740	VOLUME	495932.922	3759323.876	694.81
LOCATION L0007741	VOLUME	495920.581	3759330.487	694.84
LOCATION L0007742	VOLUME	495908.240	3759337.098	695.00
LOCATION L0007743	VOLUME	495895.900	3759343.709	695.00

\*\* END OF LINE VOLUME SOURCE ID = SLINE33

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\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

\*\* LINE VOLUME SOURCE ID = SLINE34

\*\* DESCRSRC WH CALIMESA 35%

\*\* PREFIX

\*\* LENGTH OF SIDE = 14.00

\*\* CONFIGURATION = ADJACENT

\*\* EMISSION RATE = 5.15E-06

\*\* VERTICAL DIMENSION = 6.99

\*\* SZINIT = 3.25

\*\* NODES = 5

\*\* 495884.558, 3759350.234, 695.00, 3.49, 6.51

\*\* 495863.332, 3759362.970, 695.00, 3.49, 6.51

\*\* 495815.690, 3759393.159, 695.00, 3.49, 6.51

\*\* 495781.727, 3759414.857, 695.19, 3.49, 6.51

\*\* 495758.142, 3759430.423, 696.04, 3.49, 6.51

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LOCATION L0007744	VOLUME	495878.556	3759353.835	695.00
LOCATION L0007745	VOLUME	495866.551	3759361.038	695.00
LOCATION L0007746	VOLUME	495854.677	3759368.454	695.00
LOCATION L0007747	VOLUME	495842.851	3759375.947	695.00
LOCATION L0007748	VOLUME	495831.026	3759383.441	695.00
LOCATION L0007749	VOLUME	495819.200	3759390.934	695.00
LOCATION L0007750	VOLUME	495807.394	3759398.459	695.00
LOCATION L0007751	VOLUME	495795.596	3759405.996	695.00
LOCATION L0007752	VOLUME	495783.798	3759413.534	695.41
LOCATION L0007753	VOLUME	495772.094	3759421.215	695.81
LOCATION L0007754	VOLUME	495760.409	3759428.927	696.00

\*\* END OF LINE VOLUME SOURCE ID = SLINE34

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\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

\*\* LINE VOLUME SOURCE ID = SLINE35

\*\* DESCRSRC WH CALIMESA 70%

\*\* PREFIX

\*\* LENGTH OF SIDE = 14.00

\*\* CONFIGURATION = ADJACENT

\*\* EMISSION RATE = 0.00003446

\*\* VERTICAL DIMENSION = 6.99

\*\* SZINIT = 3.25

\*\* NODES = 20

\*\* 495756.256, 3759432.310, 696.04, 3.49, 6.51

\*\* 495725.595, 3759454.480, 697.56, 3.49, 6.51

\*\* 495689.746, 3759483.725, 696.75, 3.49, 6.51

\*\* 495663.802, 3759506.367, 696.78, 3.49, 6.51

\*\* 495646.350, 3759525.235, 697.02, 3.49, 6.51

\*\* 495627.953, 3759547.405, 697.80, 3.49, 6.51

\*\* 495611.444, 3759569.574, 697.83, 3.49, 6.51

\*\* 495600.595, 3759597.405, 698.00, 3.49, 6.51

\*\* 495593.991, 3759614.858, 698.35, 3.49, 6.51

\*\* 495586.915, 3759646.933, 698.96, 3.49, 6.51

\*\* 495584.557, 3759664.386, 699.11, 3.49, 6.51

\*\* 495588.802, 3759686.556, 699.20, 3.49, 6.51

\*\* 495593.519, 3759705.896, 699.91, 3.49, 6.51

\*\* 495607.670, 3759740.330, 700.93, 3.49, 6.51

\*\* 495616.161, 3759761.085, 701.08, 3.49, 6.51

\*\* 495622.765, 3759773.349, 701.31, 3.49, 6.51  
\*\* 495627.482, 3759793.160, 701.86, 3.49, 6.51  
\*\* 495633.614, 3759817.689, 702.85, 3.49, 6.51  
\*\* 495632.670, 3759837.500, 702.93, 3.49, 6.51  
\*\* 495629.368, 3759856.840, 703.00, 3.49, 6.51

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LOCATION L0007755 VOLUME 495750.583 3759436.411 696.34  
LOCATION L0007756 VOLUME 495739.238 3759444.615 696.99  
LOCATION L0007757 VOLUME 495727.893 3759452.818 697.47  
LOCATION L0007758 VOLUME 495716.945 3759461.537 697.40  
LOCATION L0007759 VOLUME 495706.097 3759470.386 697.16  
LOCATION L0007760 VOLUME 495695.248 3759479.236 696.90  
LOCATION L0007761 VOLUME 495684.548 3759488.261 696.86  
LOCATION L0007762 VOLUME 495674.000 3759497.467 697.04  
LOCATION L0007763 VOLUME 495663.487 3759506.708 697.12  
LOCATION L0007764 VOLUME 495653.980 3759516.985 697.15  
LOCATION L0007765 VOLUME 495644.586 3759527.361 697.17  
LOCATION L0007766 VOLUME 495635.646 3759538.134 697.40  
LOCATION L0007767 VOLUME 495626.786 3759548.972 697.76  
LOCATION L0007768 VOLUME 495618.424 3759560.200 698.00  
LOCATION L0007769 VOLUME 495610.604 3759571.729 698.00  
LOCATION L0007770 VOLUME 495605.519 3759584.773 697.99  
LOCATION L0007771 VOLUME 495600.438 3759597.818 698.26  
LOCATION L0007772 VOLUME 495595.484 3759610.912 698.41  
LOCATION L0007773 VOLUME 495591.884 3759624.410 698.55  
LOCATION L0007774 VOLUME 495588.868 3759638.081 698.81  
LOCATION L0007775 VOLUME 495586.255 3759651.824 699.04  
LOCATION L0007776 VOLUME 495584.806 3759665.686 699.10  
LOCATION L0007777 VOLUME 495587.439 3759679.436 699.32  
LOCATION L0007778 VOLUME 495590.402 3759693.114 699.71  
LOCATION L0007779 VOLUME 495593.840 3759706.676 700.01  
LOCATION L0007780 VOLUME 495599.162 3759719.625 700.28  
LOCATION L0007781 VOLUME 495604.483 3759732.575 700.71  
LOCATION L0007782 VOLUME 495609.796 3759745.527 700.99  
LOCATION L0007783 VOLUME 495615.097 3759758.485 701.08  
LOCATION L0007784 VOLUME 495621.466 3759770.938 701.47  
LOCATION L0007785 VOLUME 495625.373 3759784.305 701.80  
LOCATION L0007786 VOLUME 495628.669 3759797.911 702.06  
LOCATION L0007787 VOLUME 495632.065 3759811.493 702.51  
LOCATION L0007788 VOLUME 495633.252 3759825.293 702.97  
LOCATION L0007789 VOLUME 495632.371 3759839.254 703.00  
LOCATION L0007790 VOLUME 495630.015 3759853.055 703.00

\*\* END OF LINE VOLUME SOURCE ID = SLINE35

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\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

\*\* LINE VOLUME SOURCE ID = SLINE38

\*\* DESCRSRC WH SINGLETON 4% W

\*\* PREFIX

\*\* LENGTH OF SIDE = 8.59

\*\* CONFIGURATION = ADJACENT

\*\* EMISSION RATE = 1.406E-06

\*\* VERTICAL DIMENSION = 6.99

\*\* SZINIT = 3.25

\*\* NODES = 6

\*\* 495278.383, 3759818.731, 695.99, 3.49, 4.00

\*\* 495199.711, 3759801.721, 693.66, 3.49, 4.00

\*\* 495164.628, 3759785.774, 690.72, 3.49, 4.00

\*\* 495130.607, 3759764.512, 687.00, 3.49, 4.00

\*\* 495107.219, 3759743.249, 685.02, 3.49, 4.00

\*\* 494992.400, 3759622.052, 679.30, 3.49, 4.00

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LOCATION L0007791 VOLUME 495274.185 3759817.824 695.79  
LOCATION L0007792 VOLUME 495265.789 3759816.008 695.51  
LOCATION L0007793 VOLUME 495257.393 3759814.193 695.23  
LOCATION L0007794 VOLUME 495248.997 3759812.378 694.98  
LOCATION L0007795 VOLUME 495240.601 3759810.562 694.83

LOCATION	VOLUME				
LOCATION L0007796	VOLUME	495232.205	3759808.747	694.65	
LOCATION L0007797	VOLUME	495223.809	3759806.931	694.43	
LOCATION L0007798	VOLUME	495215.413	3759805.116	694.25	
LOCATION L0007799	VOLUME	495207.017	3759803.301	694.13	
LOCATION L0007800	VOLUME	495198.695	3759801.260	694.05	
LOCATION L0007801	VOLUME	495190.875	3759797.705	694.00	
LOCATION L0007802	VOLUME	495183.055	3759794.150	693.08	
LOCATION L0007803	VOLUME	495175.235	3759790.596	692.02	
LOCATION L0007804	VOLUME	495167.415	3759787.041	691.02	
LOCATION L0007805	VOLUME	495159.940	3759782.844	690.07	
LOCATION L0007806	VOLUME	495152.656	3759778.292	689.19	
LOCATION L0007807	VOLUME	495145.371	3759773.739	688.38	
LOCATION L0007808	VOLUME	495138.087	3759769.186	687.64	
LOCATION L0007809	VOLUME	495130.803	3759764.634	686.98	
LOCATION L0007810	VOLUME	495124.422	3759758.888	686.56	
LOCATION L0007811	VOLUME	495118.066	3759753.110	686.15	
LOCATION L0007812	VOLUME	495111.710	3759747.332	685.75	
LOCATION L0007813	VOLUME	495105.485	3759741.419	685.34	
LOCATION L0007814	VOLUME	495099.577	3759735.183	684.94	
LOCATION L0007815	VOLUME	495093.670	3759728.947	684.53	
LOCATION L0007816	VOLUME	495087.762	3759722.711	684.13	
LOCATION L0007817	VOLUME	495081.854	3759716.475	683.72	
LOCATION L0007818	VOLUME	495075.946	3759710.240	683.32	
LOCATION L0007819	VOLUME	495070.039	3759704.004	682.93	
LOCATION L0007820	VOLUME	495064.131	3759697.768	682.72	
LOCATION L0007821	VOLUME	495058.223	3759691.532	682.51	
LOCATION L0007822	VOLUME	495052.316	3759685.296	682.30	
LOCATION L0007823	VOLUME	495046.408	3759679.060	682.10	
LOCATION L0007824	VOLUME	495040.500	3759672.824	681.89	
LOCATION L0007825	VOLUME	495034.592	3759666.588	681.68	
LOCATION L0007826	VOLUME	495028.685	3759660.352	681.47	
LOCATION L0007827	VOLUME	495022.777	3759654.116	681.26	
LOCATION L0007828	VOLUME	495016.869	3759647.880	681.06	
LOCATION L0007829	VOLUME	495010.961	3759641.644	680.85	
LOCATION L0007830	VOLUME	495005.054	3759635.408	680.46	
LOCATION L0007831	VOLUME	494999.146	3759629.172	680.06	
LOCATION L0007832	VOLUME	494993.238	3759622.936	679.65	

\*\* END OF LINE VOLUME SOURCE ID = SLINE38

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\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

\*\* LINE VOLUME SOURCE ID = SLINE40

\*\* DESCRSRC TTP 1 IDLE 127

\*\* PREFIX

\*\* LENGTH OF SIDE = 8.59

\*\* CONFIGURATION = ADJACENT

\*\* EMISSION RATE = 4.072E-06

\*\* VERTICAL DIMENSION = 6.99

\*\* SZINIT = 3.25

\*\* NODES = 8

\*\* 495729.226, 3759728.593, 701.90, 3.49, 4.00

\*\* 495807.496, 3759740.846, 702.88, 3.49, 4.00

\*\* 495814.848, 3759745.748, 703.01, 3.49, 4.00

\*\* 495824.191, 3759765.047, 703.98, 3.49, 4.00

\*\* 495832.769, 3759764.128, 703.90, 3.49, 4.00

\*\* 495835.985, 3759772.093, 703.93, 3.49, 4.00

\*\* 496046.594, 3759674.217, 703.95, 3.49, 4.00

\*\* 496070.794, 3759729.665, 705.13, 3.49, 4.00

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LOCATION L0007833	VOLUME	495733.469	3759729.257	701.79	
LOCATION L0007834	VOLUME	495741.956	3759730.586	701.89	
LOCATION L0007835	VOLUME	495750.442	3759731.914	701.95	
LOCATION L0007836	VOLUME	495758.929	3759733.243	702.00	
LOCATION L0007837	VOLUME	495767.416	3759734.571	702.22	
LOCATION L0007838	VOLUME	495775.902	3759735.900	702.51	
LOCATION L0007839	VOLUME	495784.389	3759737.229	702.83	
LOCATION L0007840	VOLUME	495792.876	3759738.557	703.08	

LOCATION	VOLUME				
L0007841	495801.362	3759739.886	703.12		
L0007842	495809.477	3759742.167	703.20		
L0007843	495815.778	3759747.670	703.38		
L0007844	495819.521	3759755.402	703.64		
L0007845	495823.265	3759763.133	703.91		
L0007846	495830.618	3759764.358	703.96		
L0007847	495835.175	3759770.087	704.13		
L0007848	495841.814	3759769.384	704.11		
L0007849	495849.604	3759765.764	704.00		
L0007850	495857.393	3759762.144	704.20		
L0007851	495865.183	3759758.524	704.37		
L0007852	495872.973	3759754.904	704.47		
L0007853	495880.763	3759751.283	704.50		
L0007854	495888.553	3759747.663	704.38		
L0007855	495896.343	3759744.043	704.26		
L0007856	495904.133	3759740.423	704.14		
L0007857	495911.923	3759736.803	704.07		
L0007858	495919.713	3759733.182	704.28		
L0007859	495927.502	3759729.562	704.44		
L0007860	495935.292	3759725.942	704.55		
L0007861	495943.082	3759722.322	704.54		
L0007862	495950.872	3759718.702	704.42		
L0007863	495958.662	3759715.082	704.30		
L0007864	495966.452	3759711.461	704.18		
L0007865	495974.242	3759707.841	704.06		
L0007866	495982.032	3759704.221	703.93		
L0007867	495989.822	3759700.601	703.81		
L0007868	495997.612	3759696.981	703.69		
L0007869	496005.401	3759693.361	703.64		
L0007870	496013.191	3759689.740	703.69		
L0007871	496020.981	3759686.120	703.79		
L0007872	496028.771	3759682.500	703.96		
L0007873	496036.561	3759678.880	704.00		
L0007874	496044.351	3759675.260	704.00		
L0007875	496049.041	3759679.824	704.00		
L0007876	496052.477	3759687.696	704.00		
L0007877	496055.913	3759695.569	704.00		
L0007878	496059.349	3759703.442	704.00		
L0007879	496062.785	3759711.315	704.18		
L0007880	496066.221	3759719.188	704.52		
L0007881	496069.658	3759727.060	704.91		

\*\* END OF LINE VOLUME SOURCE ID = SLINE40

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\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

\*\* LINE VOLUME SOURCE ID = SLINE41

\*\* DESCRSRC TTP 1 IDLE 86

\*\* PREFIX

\*\* LENGTH OF SIDE = 8.59

\*\* CONFIGURATION = ADJACENT

\*\* EMISSION RATE = 2.757E-06

\*\* VERTICAL DIMENSION = 6.99

\*\* SZINIT = 3.25

\*\* NODES = 4

\*\* 495896.640, 3759786.184, 705.43, 3.49, 4.00

\*\* 496034.187, 3759722.925, 705.18, 3.49, 4.00

\*\* 496040.314, 3759741.306, 705.62, 3.49, 4.00

\*\* 495919.003, 3759793.996, 705.89, 3.49, 4.00

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LOCATION	VOLUME				
L0007882	495900.542	3759784.390	705.41		
L0007883	495908.347	3759780.801	705.45		
L0007884	495916.151	3759777.211	705.49		
L0007885	495923.955	3759773.622	705.59		
L0007886	495931.759	3759770.033	705.75		
L0007887	495939.563	3759766.444	705.97		
L0007888	495947.368	3759762.854	705.89		
L0007889	495955.172	3759759.265	705.77		

LOCATION	VOLUME				
L0007890	495962.976	3759755.676	705.65		
L0007891	495970.780	3759752.087	705.53		
L0007892	495978.584	3759748.498	705.41		
L0007893	495986.389	3759744.908	705.29		
L0007894	495994.193	3759741.319	705.17		
L0007895	496001.997	3759737.730	705.10		
L0007896	496009.801	3759734.141	705.22		
L0007897	496017.605	3759730.551	705.28		
L0007898	496025.410	3759726.962	705.27		
L0007899	496033.214	3759723.373	705.09		
L0007900	496036.565	3759730.059	705.43		
L0007901	496039.281	3759738.208	705.79		
L0007902	496035.430	3759743.427	706.11		
L0007903	496027.551	3759746.849	706.26		
L0007904	496019.672	3759750.271	706.11		
L0007905	496011.793	3759753.693	705.96		
L0007906	496003.914	3759757.116	705.81		
L0007907	495996.036	3759760.538	705.81		
L0007908	495988.157	3759763.960	705.93		
L0007909	495980.278	3759767.382	706.04		
L0007910	495972.399	3759770.804	706.15		
L0007911	495964.520	3759774.226	706.22		
L0007912	495956.641	3759777.648	706.21		
L0007913	495948.762	3759781.071	706.14		
L0007914	495940.883	3759784.493	706.01		
L0007915	495933.004	3759787.915	705.93		
L0007916	495925.125	3759791.337	705.92		

\*\* END OF LINE VOLUME SOURCE ID = SLINE41

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\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

\*\* LINE VOLUME SOURCE ID = SLINE42

\*\* DESCRSRC TTP 1 IDLE 41

\*\* PREFIX

\*\* LENGTH OF SIDE = 8.59

\*\* CONFIGURATION = ADJACENT

\*\* EMISSION RATE = 1.314E-06

\*\* VERTICAL DIMENSION = 6.99

\*\* SZINIT = 3.25

\*\* NODES = 2

\*\* 495950.097, 3759819.422, 707.05, 3.49, 4.00

\*\* 496076.615, 3759763.515, 706.81, 3.49, 4.00

\*\*

LOCATION	VOLUME				
L0007917	495954.025	3759817.686	707.17		
L0007918	495961.882	3759814.214	707.32		
L0007919	495969.739	3759810.742	707.46		
L0007920	495977.596	3759807.270	707.37		
L0007921	495985.453	3759803.799	707.25		
L0007922	495993.311	3759800.327	707.14		
L0007923	496001.168	3759796.855	707.05		
L0007924	496009.025	3759793.383	707.19		
L0007925	496016.882	3759789.911	707.34		
L0007926	496024.739	3759786.439	707.49		
L0007927	496032.596	3759782.967	707.56		
L0007928	496040.453	3759779.495	707.44		
L0007929	496048.310	3759776.023	707.33		
L0007930	496056.167	3759772.551	707.21		
L0007931	496064.024	3759769.079	707.10		
L0007932	496071.881	3759765.607	706.97		

\*\* END OF LINE VOLUME SOURCE ID = SLINE42

\*\*

\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

\*\* LINE VOLUME SOURCE ID = SLINE43

\*\* DESCRSRC TTP 2 IDLE 258

\*\* PREFIX

\*\* LENGTH OF SIDE = 8.59

\*\* CONFIGURATION = ADJACENT

\*\* EMISSION RATE = 8.271E-06  
\*\* VERTICAL DIMENSION = 6.99  
\*\* SZINIT = 3.25  
\*\* NODES = 4  
\*\* 496525.575, 3759501.704, 714.79, 3.49, 4.00  
\*\* 496172.276, 3759661.334, 702.68, 3.49, 4.00  
\*\* 496179.319, 3759678.060, 703.00, 3.49, 4.00  
\*\* 496537.606, 3759515.202, 715.82, 3.49, 4.00

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LOCATION	L0007933	VOLUME	496521.661	3759503.472	714.75
LOCATION	L0007934	VOLUME	496513.833	3759507.009	714.23
LOCATION	L0007935	VOLUME	496506.005	3759510.546	713.70
LOCATION	L0007936	VOLUME	496498.177	3759514.083	713.18
LOCATION	L0007937	VOLUME	496490.349	3759517.620	712.66
LOCATION	L0007938	VOLUME	496482.521	3759521.157	712.14
LOCATION	L0007939	VOLUME	496474.693	3759524.694	711.62
LOCATION	L0007940	VOLUME	496466.865	3759528.230	711.13
LOCATION	L0007941	VOLUME	496459.037	3759531.767	710.71
LOCATION	L0007942	VOLUME	496451.209	3759535.304	710.35
LOCATION	L0007943	VOLUME	496443.381	3759538.841	710.19
LOCATION	L0007944	VOLUME	496435.553	3759542.378	710.04
LOCATION	L0007945	VOLUME	496427.725	3759545.915	709.90
LOCATION	L0007946	VOLUME	496419.897	3759549.452	709.76
LOCATION	L0007947	VOLUME	496412.068	3759552.989	709.61
LOCATION	L0007948	VOLUME	496404.240	3759556.526	709.46
LOCATION	L0007949	VOLUME	496396.412	3759560.063	709.20
LOCATION	L0007950	VOLUME	496388.584	3759563.600	708.94
LOCATION	L0007951	VOLUME	496380.756	3759567.137	708.68
LOCATION	L0007952	VOLUME	496372.928	3759570.674	708.42
LOCATION	L0007953	VOLUME	496365.100	3759574.210	708.16
LOCATION	L0007954	VOLUME	496357.272	3759577.747	707.89
LOCATION	L0007955	VOLUME	496349.444	3759581.284	707.63
LOCATION	L0007956	VOLUME	496341.616	3759584.821	707.37
LOCATION	L0007957	VOLUME	496333.788	3759588.358	707.11
LOCATION	L0007958	VOLUME	496325.960	3759591.895	706.73
LOCATION	L0007959	VOLUME	496318.132	3759595.432	706.31
LOCATION	L0007960	VOLUME	496310.304	3759598.969	705.94
LOCATION	L0007961	VOLUME	496302.476	3759602.506	705.64
LOCATION	L0007962	VOLUME	496294.648	3759606.043	705.28
LOCATION	L0007963	VOLUME	496286.820	3759609.580	704.87
LOCATION	L0007964	VOLUME	496278.992	3759613.117	704.47
LOCATION	L0007965	VOLUME	496271.164	3759616.654	704.06
LOCATION	L0007966	VOLUME	496263.336	3759620.190	703.90
LOCATION	L0007967	VOLUME	496255.508	3759623.727	703.75
LOCATION	L0007968	VOLUME	496247.680	3759627.264	703.61
LOCATION	L0007969	VOLUME	496239.852	3759630.801	703.48
LOCATION	L0007970	VOLUME	496232.023	3759634.338	703.44
LOCATION	L0007971	VOLUME	496224.195	3759637.875	703.33
LOCATION	L0007972	VOLUME	496216.367	3759641.412	703.17
LOCATION	L0007973	VOLUME	496208.539	3759644.949	702.94
LOCATION	L0007974	VOLUME	496200.711	3759648.486	702.75
LOCATION	L0007975	VOLUME	496192.883	3759652.023	702.61
LOCATION	L0007976	VOLUME	496185.055	3759655.560	702.47
LOCATION	L0007977	VOLUME	496177.227	3759659.097	702.43
LOCATION	L0007978	VOLUME	496173.501	3759664.243	702.60
LOCATION	L0007979	VOLUME	496176.835	3759672.160	702.87
LOCATION	L0007980	VOLUME	496181.311	3759677.154	703.06
LOCATION	L0007981	VOLUME	496189.131	3759673.599	703.20
LOCATION	L0007982	VOLUME	496196.951	3759670.045	703.35
LOCATION	L0007983	VOLUME	496204.772	3759666.490	703.49
LOCATION	L0007984	VOLUME	496212.592	3759662.936	703.59
LOCATION	L0007985	VOLUME	496220.412	3759659.381	703.63
LOCATION	L0007986	VOLUME	496228.232	3759655.826	703.72
LOCATION	L0007987	VOLUME	496236.052	3759652.272	703.88
LOCATION	L0007988	VOLUME	496243.872	3759648.717	704.11
LOCATION	L0007989	VOLUME	496251.692	3759645.163	704.34

LOCATION	VOLUME				
L0007990	496259.512	3759641.608	704.48		
L0007991	496267.332	3759638.054	704.63		
L0007992	496275.152	3759634.499	704.83		
L0007993	496282.972	3759630.944	705.12		
L0007994	496290.792	3759627.390	705.48		
L0007995	496298.612	3759623.835	705.89		
L0007996	496306.432	3759620.281	706.20		
L0007997	496314.252	3759616.726	706.46		
L0007998	496322.072	3759613.172	706.69		
L0007999	496329.892	3759609.617	706.98		
L0008000	496337.712	3759606.062	707.24		
L0008001	496345.532	3759602.508	707.50		
L0008002	496353.352	3759598.953	707.76		
L0008003	496361.172	3759595.399	708.03		
L0008004	496368.993	3759591.844	708.34		
L0008005	496376.813	3759588.290	708.58		
L0008006	496384.633	3759584.735	708.81		
L0008007	496392.453	3759581.181	709.07		
L0008008	496400.273	3759577.626	709.33		
L0008009	496408.093	3759574.071	709.59		
L0008010	496415.913	3759570.517	709.85		
L0008011	496423.733	3759566.962	710.11		
L0008012	496431.553	3759563.408	710.37		
L0008013	496439.373	3759559.853	710.63		
L0008014	496447.193	3759556.299	710.89		
L0008015	496455.013	3759552.744	711.06		
L0008016	496462.833	3759549.189	711.28		
L0008017	496470.653	3759545.635	711.56		
L0008018	496478.473	3759542.080	711.90		
L0008019	496486.293	3759538.526	712.39		
L0008020	496494.113	3759534.971	712.91		
L0008021	496501.933	3759531.417	713.43		
L0008022	496509.753	3759527.862	713.95		
L0008023	496517.573	3759524.307	714.48		
L0008024	496525.393	3759520.753	715.00		
L0008025	496533.214	3759517.198	715.52		

\*\* END OF LINE VOLUME SOURCE ID = SLINE43

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\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

\*\* LINE VOLUME SOURCE ID = SLINE44

\*\* DESCRSRC TTP 2 IDLE 129

\*\* PREFIX

\*\* LENGTH OF SIDE = 8.59

\*\* CONFIGURATION = ADJACENT

\*\* EMISSION RATE = 4.136E-06

\*\* VERTICAL DIMENSION = 6.99

\*\* SZINIT = 3.25

\*\* NODES = 2

\*\* 496135.303, 3759635.511, 701.85, 3.49, 4.00

\*\* 496491.243, 3759472.947, 712.25, 3.49, 4.00

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LOCATION L0008026	VOLUME 496139.210	3759633.727	701.58		
LOCATION L0008027	VOLUME 496147.023	3759630.158	701.47		
LOCATION L0008028	VOLUME 496154.837	3759626.590	701.44		
LOCATION L0008029	VOLUME 496162.651	3759623.021	701.54		
LOCATION L0008030	VOLUME 496170.464	3759619.452	701.70		
LOCATION L0008031	VOLUME 496178.278	3759615.884	701.92		
LOCATION L0008032	VOLUME 496186.092	3759612.315	702.04		
LOCATION L0008033	VOLUME 496193.905	3759608.746	702.09		
LOCATION L0008034	VOLUME 496201.719	3759605.178	702.08		
LOCATION L0008035	VOLUME 496209.533	3759601.609	702.01		
LOCATION L0008036	VOLUME 496217.346	3759598.040	701.93		
LOCATION L0008037	VOLUME 496225.160	3759594.472	701.91		
LOCATION L0008038	VOLUME 496232.973	3759590.903	701.95		
LOCATION L0008039	VOLUME 496240.787	3759587.335	702.05		
LOCATION L0008040	VOLUME 496248.601	3759583.766	702.27		



LOCATION	VOLUME				
L0008041	496256.414	3759580.197	702.53		
L0008042	496264.228	3759576.629	702.79		
L0008043	496272.042	3759573.060	703.11		
L0008044	496279.855	3759569.491	703.63		
L0008045	496287.669	3759565.923	704.15		
L0008046	496295.483	3759562.354	704.67		
L0008047	496303.296	3759558.785	705.19		
L0008048	496311.110	3759555.217	705.70		
L0008049	496318.923	3759551.648	706.14		
L0008050	496326.737	3759548.080	706.52		
L0008051	496334.551	3759544.511	706.75		
L0008052	496342.364	3759540.942	706.89		
L0008053	496350.178	3759537.374	707.03		
L0008054	496357.992	3759533.805	707.17		
L0008055	496365.805	3759530.236	707.31		
L0008056	496373.619	3759526.668	707.46		
L0008057	496381.433	3759523.099	707.63		
L0008058	496389.246	3759519.530	707.75		
L0008059	496397.060	3759515.962	707.88		
L0008060	496404.873	3759512.393	708.02		
L0008061	496412.687	3759508.825	708.16		
L0008062	496420.501	3759505.256	708.31		
L0008063	496428.314	3759501.687	708.66		
L0008064	496436.128	3759498.119	709.08		
L0008065	496443.942	3759494.550	709.51		
L0008066	496451.755	3759490.981	709.92		
L0008067	496459.569	3759487.413	710.41		
L0008068	496467.383	3759483.844	710.95		
L0008069	496475.196	3759480.275	711.56		
L0008070	496483.010	3759476.707	712.17		
L0008071	496490.824	3759473.138	712.69		

\*\* END OF LINE VOLUME SOURCE ID = SLINE44

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\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

\*\* LINE VOLUME SOURCE ID = SLINE45

\*\* DESCRSRC TTP 2 IDLE 16

\*\* PREFIX

\*\* LENGTH OF SIDE = 8.59

\*\* CONFIGURATION = ADJACENT

\*\* EMISSION RATE = 5.13E-07

\*\* VERTICAL DIMENSION = 6.99

\*\* SZINIT = 3.25

\*\* NODES = 2

\*\* 496151.735, 3759693.025, 703.68, 3.49, 4.00

\*\* 496132.075, 3759649.009, 701.98, 3.49, 4.00

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LOCATION	VOLUME				
L0008072	496149.984	3759689.103	703.44		
L0008073	496146.481	3759681.260	703.28		
L0008074	496142.977	3759673.417	703.13		
L0008075	496139.474	3759665.574	702.88		
L0008076	496135.971	3759657.731	702.57		
L0008077	496132.467	3759649.888	702.20		

\*\* END OF LINE VOLUME SOURCE ID = SLINE45

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\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

\*\* LINE VOLUME SOURCE ID = SLINE46

\*\* DESCRSRC TTP 2 IDLE 83

\*\* PREFIX

\*\* LENGTH OF SIDE = 8.59

\*\* CONFIGURATION = ADJACENT

\*\* EMISSION RATE = 2.661E-06

\*\* VERTICAL DIMENSION = 6.99

\*\* SZINIT = 3.25

\*\* NODES = 2

\*\* 496175.504, 3759722.956, 704.68, 3.49, 4.00

\*\* 496456.911, 3759590.615, 711.14, 3.49, 4.00

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LOCATION L0008078      VOLUME  496179.391 3759721.128 704.50
LOCATION L0008079      VOLUME  496187.164 3759717.472 704.38
LOCATION L0008080      VOLUME  496194.937 3759713.816 704.25
LOCATION L0008081      VOLUME  496202.711 3759710.161 704.13
LOCATION L0008082      VOLUME  496210.484 3759706.505 704.01
LOCATION L0008083      VOLUME  496218.257 3759702.850 704.23
LOCATION L0008084      VOLUME  496226.030 3759699.194 704.40
LOCATION L0008085      VOLUME  496233.804 3759695.538 704.50
LOCATION L0008086      VOLUME  496241.577 3759691.883 704.54
LOCATION L0008087      VOLUME  496249.350 3759688.227 704.58
LOCATION L0008088      VOLUME  496257.124 3759684.571 704.68
LOCATION L0008089      VOLUME  496264.897 3759680.916 704.84
LOCATION L0008090      VOLUME  496272.670 3759677.260 705.00
LOCATION L0008091      VOLUME  496280.444 3759673.604 705.03
LOCATION L0008092      VOLUME  496288.217 3759669.949 705.12
LOCATION L0008093      VOLUME  496295.990 3759666.293 705.28
LOCATION L0008094      VOLUME  496303.764 3759662.637 705.62
LOCATION L0008095      VOLUME  496311.537 3759658.982 706.10
LOCATION L0008096      VOLUME  496319.310 3759655.326 706.52
LOCATION L0008097      VOLUME  496327.084 3759651.671 706.87
LOCATION L0008098      VOLUME  496334.857 3759648.015 707.29
LOCATION L0008099      VOLUME  496342.630 3759644.359 707.79
LOCATION L0008100      VOLUME  496350.403 3759640.704 708.21
LOCATION L0008101      VOLUME  496358.177 3759637.048 708.57
LOCATION L0008102      VOLUME  496365.950 3759633.392 708.84
LOCATION L0008103      VOLUME  496373.723 3759629.737 709.14
LOCATION L0008104      VOLUME  496381.497 3759626.081 709.50
LOCATION L0008105      VOLUME  496389.270 3759622.425 709.93
LOCATION L0008106      VOLUME  496397.043 3759618.770 710.22
LOCATION L0008107      VOLUME  496404.817 3759615.114 710.44
LOCATION L0008108      VOLUME  496412.590 3759611.458 710.58
LOCATION L0008109      VOLUME  496420.363 3759607.803 710.72
LOCATION L0008110      VOLUME  496428.137 3759604.147 710.86
LOCATION L0008111      VOLUME  496435.910 3759600.491 710.99
LOCATION L0008112      VOLUME  496443.683 3759596.836 711.13
LOCATION L0008113      VOLUME  496451.456 3759593.180 711.29

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\*\* END OF LINE VOLUME SOURCE ID = SLINE46

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\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

\*\* LINE VOLUME SOURCE ID = SLINE47

\*\* DESCRSRC TTP 2 IDLE 62

\*\* PREFIX

\*\* LENGTH OF SIDE = 8.59

\*\* CONFIGURATION = ADJACENT

\*\* EMISSION RATE = 1.988E-06

\*\* VERTICAL DIMENSION = 6.99

\*\* SZINIT = 3.25

\*\* NODES = 4

\*\* 496427.273, 3759358.761, 706.07, 3.49, 4.00

\*\* 496341.619, 3759397.772, 704.13, 3.49, 4.00

\*\* 496348.192, 3759413.249, 704.48, 3.49, 4.00

\*\* 496433.210, 3759374.239, 707.21, 3.49, 4.00

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** -----
LOCATION L0008114      VOLUME  496423.365 3759360.542 706.53
LOCATION L0008115      VOLUME  496415.547 3759364.102 706.60
LOCATION L0008116      VOLUME  496407.730 3759367.662 706.72
LOCATION L0008117      VOLUME  496399.913 3759371.223 706.83
LOCATION L0008118      VOLUME  496392.095 3759374.783 706.95
LOCATION L0008119      VOLUME  496384.278 3759378.344 706.59
LOCATION L0008120      VOLUME  496376.460 3759381.904 706.07
LOCATION L0008121      VOLUME  496368.643 3759385.464 705.55
LOCATION L0008122      VOLUME  496360.826 3759389.025 705.03
LOCATION L0008123      VOLUME  496353.008 3759392.585 704.75
LOCATION L0008124      VOLUME  496345.191 3759396.146 704.49
LOCATION L0008125      VOLUME  496343.443 3759402.067 704.43

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LOCATION L0008126	VOLUME	496346.800	3759409.973	704.55
LOCATION L0008127	VOLUME	496352.764	3759411.151	704.74
LOCATION L0008128	VOLUME	496360.571	3759407.569	705.01
LOCATION L0008129	VOLUME	496368.379	3759403.987	705.53
LOCATION L0008130	VOLUME	496376.186	3759400.404	706.05
LOCATION L0008131	VOLUME	496383.993	3759396.822	706.57
LOCATION L0008132	VOLUME	496391.800	3759393.239	707.05
LOCATION L0008133	VOLUME	496399.608	3759389.657	707.27
LOCATION L0008134	VOLUME	496407.415	3759386.075	707.37
LOCATION L0008135	VOLUME	496415.222	3759382.492	707.35
LOCATION L0008136	VOLUME	496423.030	3759378.910	707.26
LOCATION L0008137	VOLUME	496430.837	3759375.327	707.31

\*\* END OF LINE VOLUME SOURCE ID = SLINE47

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\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

\*\* LINE VOLUME SOURCE ID = SLINE48

\*\* DESCRSRC TTP 2 IDLE 26

\*\* PREFIX

\*\* LENGTH OF SIDE = 8.59

\*\* CONFIGURATION = ADJACENT

\*\* EMISSION RATE = 8.336E-07

\*\* VERTICAL DIMENSION = 6.99

\*\* SZINIT = 3.25

\*\* NODES = 2

\*\* 496344.178, 3759425.692, 704.27, 3.49, 4.00

\*\* 496376.040, 3759497.688, 706.79, 3.49, 4.00

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LOCATION L0008138	VOLUME	496345.916	3759429.620	704.52
LOCATION L0008139	VOLUME	496349.392	3759437.475	704.65
LOCATION L0008140	VOLUME	496352.869	3759445.330	704.82
LOCATION L0008141	VOLUME	496356.345	3759453.185	704.94
LOCATION L0008142	VOLUME	496359.821	3759461.040	705.00
LOCATION L0008143	VOLUME	496363.298	3759468.895	705.27
LOCATION L0008144	VOLUME	496366.774	3759476.750	705.84
LOCATION L0008145	VOLUME	496370.250	3759484.606	706.35
LOCATION L0008146	VOLUME	496373.727	3759492.461	706.81

\*\* END OF LINE VOLUME SOURCE ID = SLINE48

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\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

\*\* LINE VOLUME SOURCE ID = SLINE49

\*\* DESCRSRC TTP 2 IDLE 32

\*\* PREFIX

\*\* LENGTH OF SIDE = 8.59

\*\* CONFIGURATION = ADJACENT

\*\* EMISSION RATE = 1.026E-06

\*\* VERTICAL DIMENSION = 6.99

\*\* SZINIT = 3.25

\*\* NODES = 2

\*\* 496388.907, 3759501.517, 707.00, 3.49, 4.00

\*\* 496477.600, 3759462.150, 711.93, 3.49, 4.00

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LOCATION L0008147	VOLUME	496392.833	3759499.775	707.20
LOCATION L0008148	VOLUME	496400.684	3759496.290	707.35
LOCATION L0008149	VOLUME	496408.536	3759492.805	707.49
LOCATION L0008150	VOLUME	496416.387	3759489.320	707.64
LOCATION L0008151	VOLUME	496424.238	3759485.835	707.91
LOCATION L0008152	VOLUME	496432.090	3759482.350	708.32
LOCATION L0008153	VOLUME	496439.941	3759478.865	708.72
LOCATION L0008154	VOLUME	496447.792	3759475.380	709.13
LOCATION L0008155	VOLUME	496455.643	3759471.895	709.68
LOCATION L0008156	VOLUME	496463.495	3759468.410	710.35
LOCATION L0008157	VOLUME	496471.346	3759464.925	711.06

\*\* END OF LINE VOLUME SOURCE ID = SLINE49

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\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

\*\* LINE VOLUME SOURCE ID = SLINE50

\*\* DESCRSRC TTP 2 IDLE 64  
\*\* PREFIX  
\*\* LENGTH OF SIDE = 8.59  
\*\* CONFIGURATION = ADJACENT  
\*\* EMISSION RATE = 2.052E-06  
\*\* VERTICAL DIMENSION = 6.99  
\*\* SZINIT = 3.25  
\*\* NODES = 6  
\*\* 496586.820, 3759525.720, 716.69, 3.49, 4.00  
\*\* 496570.582, 3759493.092, 718.00, 3.49, 4.00  
\*\* 496566.753, 3759488.037, 718.01, 3.49, 4.00  
\*\* 496458.912, 3759403.174, 709.06, 3.49, 4.00  
\*\* 496453.857, 3759398.579, 708.97, 3.49, 4.00  
\*\* 496445.279, 3759378.052, 707.88, 3.49, 4.00

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LOCATION L0008158 VOLUME 496584.906 3759521.875 716.77  
LOCATION L0008159 VOLUME 496581.079 3759514.185 717.15  
LOCATION L0008160 VOLUME 496577.252 3759506.495 717.54  
LOCATION L0008161 VOLUME 496573.425 3759498.804 717.92  
LOCATION L0008162 VOLUME 496569.248 3759491.331 718.08  
LOCATION L0008163 VOLUME 496563.249 3759485.280 717.88  
LOCATION L0008164 VOLUME 496556.499 3759479.968 717.61  
LOCATION L0008165 VOLUME 496549.748 3759474.656 717.34  
LOCATION L0008166 VOLUME 496542.998 3759469.344 717.06  
LOCATION L0008167 VOLUME 496536.247 3759464.032 716.66  
LOCATION L0008168 VOLUME 496529.497 3759458.720 716.24  
LOCATION L0008169 VOLUME 496522.746 3759453.407 715.91  
LOCATION L0008170 VOLUME 496515.996 3759448.095 715.65  
LOCATION L0008171 VOLUME 496509.245 3759442.783 715.39  
LOCATION L0008172 VOLUME 496502.495 3759437.471 714.62  
LOCATION L0008173 VOLUME 496495.744 3759432.159 713.42  
LOCATION L0008174 VOLUME 496488.994 3759426.847 712.11  
LOCATION L0008175 VOLUME 496482.243 3759421.534 710.81  
LOCATION L0008176 VOLUME 496475.493 3759416.222 710.11  
LOCATION L0008177 VOLUME 496468.742 3759410.910 709.71  
LOCATION L0008178 VOLUME 496461.992 3759405.598 709.35  
LOCATION L0008179 VOLUME 496455.456 3759400.032 708.89  
LOCATION L0008180 VOLUME 496451.378 3759392.647 708.55  
LOCATION L0008181 VOLUME 496448.066 3759384.721 708.23

\*\* END OF LINE VOLUME SOURCE ID = SLINE50

-----  
\*\* LINE SOURCE REPRESENTED BY ADJACENT VOLUME SOURCES

\*\* LINE VOLUME SOURCE ID = SLINE51

\*\* DESCRSRC TTP 2 IDLE 38  
\*\* PREFIX  
\*\* LENGTH OF SIDE = 8.59  
\*\* CONFIGURATION = ADJACENT  
\*\* EMISSION RATE = 1.218E-06  
\*\* VERTICAL DIMENSION = 6.99  
\*\* SZINIT = 3.25  
\*\* NODES = 4

\*\* 496437.619, 3759418.186, 708.72, 3.49, 4.00  
\*\* 496385.537, 3759442.236, 706.89, 3.49, 4.00  
\*\* 496392.430, 3759457.860, 706.14, 3.49, 4.00  
\*\* 496444.513, 3759433.198, 708.99, 3.49, 4.00

-----  
LOCATION L0008182 VOLUME 496433.720 3759419.987 708.74  
LOCATION L0008183 VOLUME 496425.921 3759423.588 708.53  
LOCATION L0008184 VOLUME 496418.123 3759427.189 708.20  
LOCATION L0008185 VOLUME 496410.324 3759430.790 707.78  
LOCATION L0008186 VOLUME 496402.525 3759434.391 707.43  
LOCATION L0008187 VOLUME 496394.727 3759437.992 707.08  
LOCATION L0008188 VOLUME 496386.928 3759441.594 706.61  
LOCATION L0008189 VOLUME 496388.386 3759448.693 706.47  
LOCATION L0008190 VOLUME 496391.854 3759456.553 706.37  
LOCATION L0008191 VOLUME 496398.902 3759454.796 706.66

LOCATION	L0008192	VOLUME	496406.666	3759451.120	707.04
LOCATION	L0008193	VOLUME	496414.429	3759447.443	707.42
LOCATION	L0008194	VOLUME	496422.193	3759443.767	707.82
LOCATION	L0008195	VOLUME	496429.956	3759440.091	708.23
LOCATION	L0008196	VOLUME	496437.720	3759436.414	708.57

\*\* END OF LINE VOLUME SOURCE ID = SLINE51

\*\* SOURCE PARAMETERS \*\*

\*\* LINE VOLUME SOURCE ID = SLINE4

SRCPARAM	L0006649	0.0000008193	3.49	4.00	3.25
SRCPARAM	L0006650	0.0000008193	3.49	4.00	3.25
SRCPARAM	L0006651	0.0000008193	3.49	4.00	3.25
SRCPARAM	L0006652	0.0000008193	3.49	4.00	3.25
SRCPARAM	L0006653	0.0000008193	3.49	4.00	3.25
SRCPARAM	L0006654	0.0000008193	3.49	4.00	3.25
SRCPARAM	L0006655	0.0000008193	3.49	4.00	3.25
SRCPARAM	L0006656	0.0000008193	3.49	4.00	3.25
SRCPARAM	L0006657	0.0000008193	3.49	4.00	3.25
SRCPARAM	L0006658	0.0000008193	3.49	4.00	3.25
SRCPARAM	L0006659	0.0000008193	3.49	4.00	3.25
SRCPARAM	L0006660	0.0000008193	3.49	4.00	3.25
SRCPARAM	L0006661	0.0000008193	3.49	4.00	3.25
SRCPARAM	L0006662	0.0000008193	3.49	4.00	3.25
SRCPARAM	L0006663	0.0000008193	3.49	4.00	3.25
SRCPARAM	L0006664	0.0000008193	3.49	4.00	3.25
SRCPARAM	L0006665	0.0000008193	3.49	4.00	3.25
SRCPARAM	L0006666	0.0000008193	3.49	4.00	3.25
SRCPARAM	L0006667	0.0000008193	3.49	4.00	3.25
SRCPARAM	L0006668	0.0000008193	3.49	4.00	3.25
SRCPARAM	L0006669	0.0000008193	3.49	4.00	3.25
SRCPARAM	L0006670	0.0000008193	3.49	4.00	3.25
SRCPARAM	L0006671	0.0000008193	3.49	4.00	3.25
SRCPARAM	L0006672	0.0000008193	3.49	4.00	3.25
SRCPARAM	L0006673	0.0000008193	3.49	4.00	3.25
SRCPARAM	L0006674	0.0000008193	3.49	4.00	3.25
SRCPARAM	L0006675	0.0000008193	3.49	4.00	3.25
SRCPARAM	L0006676	0.0000008193	3.49	4.00	3.25

\*\*

\*\* LINE VOLUME SOURCE ID = SLINE5

SRCPARAM	L0006677	0.0000009176	3.49	4.00	3.25
SRCPARAM	L0006678	0.0000009176	3.49	4.00	3.25
SRCPARAM	L0006679	0.0000009176	3.49	4.00	3.25
SRCPARAM	L0006680	0.0000009176	3.49	4.00	3.25
SRCPARAM	L0006681	0.0000009176	3.49	4.00	3.25
SRCPARAM	L0006682	0.0000009176	3.49	4.00	3.25
SRCPARAM	L0006683	0.0000009176	3.49	4.00	3.25
SRCPARAM	L0006684	0.0000009176	3.49	4.00	3.25
SRCPARAM	L0006685	0.0000009176	3.49	4.00	3.25
SRCPARAM	L0006686	0.0000009176	3.49	4.00	3.25
SRCPARAM	L0006687	0.0000009176	3.49	4.00	3.25
SRCPARAM	L0006688	0.0000009176	3.49	4.00	3.25
SRCPARAM	L0006689	0.0000009176	3.49	4.00	3.25
SRCPARAM	L0006690	0.0000009176	3.49	4.00	3.25
SRCPARAM	L0006691	0.0000009176	3.49	4.00	3.25
SRCPARAM	L0006692	0.0000009176	3.49	4.00	3.25
SRCPARAM	L0006693	0.0000009176	3.49	4.00	3.25
SRCPARAM	L0006694	0.0000009176	3.49	4.00	3.25
SRCPARAM	L0006695	0.0000009176	3.49	4.00	3.25
SRCPARAM	L0006696	0.0000009176	3.49	4.00	3.25
SRCPARAM	L0006697	0.0000009176	3.49	4.00	3.25
SRCPARAM	L0006698	0.0000009176	3.49	4.00	3.25
SRCPARAM	L0006699	0.0000009176	3.49	4.00	3.25
SRCPARAM	L0006700	0.0000009176	3.49	4.00	3.25
SRCPARAM	L0006701	0.0000009176	3.49	4.00	3.25

\*\*

\*\* LINE VOLUME SOURCE ID = SLINE6

SRCPARAM	L0006702	0.000001622	3.49	4.00	3.25
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SRCPARAM	L0008149	0.00000009327	3.49	4.00	3.25
SRCPARAM	L0008150	0.00000009327	3.49	4.00	3.25
SRCPARAM	L0008151	0.00000009327	3.49	4.00	3.25
SRCPARAM	L0008152	0.00000009327	3.49	4.00	3.25
SRCPARAM	L0008153	0.00000009327	3.49	4.00	3.25
SRCPARAM	L0008154	0.00000009327	3.49	4.00	3.25
SRCPARAM	L0008155	0.00000009327	3.49	4.00	3.25
SRCPARAM	L0008156	0.00000009327	3.49	4.00	3.25
SRCPARAM	L0008157	0.00000009327	3.49	4.00	3.25

\*\* -----

\*\* LINE VOLUME SOURCE ID = SLINE50

SRCPARAM	L0008158	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0008159	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0008160	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0008161	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0008162	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0008163	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0008164	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0008165	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0008166	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0008167	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0008168	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0008169	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0008170	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0008171	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0008172	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0008173	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0008174	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0008175	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0008176	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0008177	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0008178	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0008179	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0008180	0.0000000855	3.49	4.00	3.25
SRCPARAM	L0008181	0.0000000855	3.49	4.00	3.25

\*\* -----

\*\* LINE VOLUME SOURCE ID = SLINE51

SRCPARAM	L0008182	0.0000000812	3.49	4.00	3.25
SRCPARAM	L0008183	0.0000000812	3.49	4.00	3.25
SRCPARAM	L0008184	0.0000000812	3.49	4.00	3.25
SRCPARAM	L0008185	0.0000000812	3.49	4.00	3.25
SRCPARAM	L0008186	0.0000000812	3.49	4.00	3.25
SRCPARAM	L0008187	0.0000000812	3.49	4.00	3.25
SRCPARAM	L0008188	0.0000000812	3.49	4.00	3.25
SRCPARAM	L0008189	0.0000000812	3.49	4.00	3.25
SRCPARAM	L0008190	0.0000000812	3.49	4.00	3.25
SRCPARAM	L0008191	0.0000000812	3.49	4.00	3.25
SRCPARAM	L0008192	0.0000000812	3.49	4.00	3.25
SRCPARAM	L0008193	0.0000000812	3.49	4.00	3.25
SRCPARAM	L0008194	0.0000000812	3.49	4.00	3.25
SRCPARAM	L0008195	0.0000000812	3.49	4.00	3.25
SRCPARAM	L0008196	0.0000000812	3.49	4.00	3.25

\*\* -----

URBANSRC ALL  
SRCGROUP ALL

SO FINISHED

\*\*  
\*\*\*\*\*

\*\* AERMOD RECEPTOR PATHWAY

\*\*\*\*\*

\*\*  
\*\*  
RE STARTING  
INCLUDED "13594 OPS SCENARIO 2.ROU"

RE FINISHED

\*\*

\*\*\*\*\*

\*\* AERMOD METEOROLOGY PATHWAY

\*\*\*\*\*

\*\*

\*\*

ME STARTING

SURFFILE RDL\_D\_V9\_ADJU\RDL\_D\_V9.SFC
PROFFILE RDL\_D\_V9\_ADJU\RDL\_D\_V9.PFL
SURFDATA 3171 2012
UAIRDATA 3190 2012
SITEDATA 99999 2012
PROFBASE 481.0 METERS

ME FINISHED

\*\*

\*\*\*\*\*

\*\* AERMOD OUTPUT PATHWAY

\*\*\*\*\*

\*\*

\*\*

OU STARTING

\*\* AUTO-GENERATED PLOTFILES

PLOTFILE PERIOD ALL "13594 OPS SCENARIO 2.AD\PE00GALL.PLT" 31
SUMMFILE "13594 OPS SCENARIO 2.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 6083 MEOpen: THRESH\_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 6083 MEOpen: ADJ\_U\* Option for Stable Low Winds used in AERMET

\*\*\*\*\*

\*\*\* SETUP Finishes Successfully \*\*\*

\*\*\*\*\*

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK VALLEY\13594 OPS\1359 \*\*\* 07/19/23

\*\*\* AERMET - VERSION 16216 \*\*\*

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\*\*\* 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 2460 Source(s),  
for Total of 1 Urban Area(s):  
Urban Population = 2189641.0 ; Urban Roughness Length = 1.000 m  
\* Urban Roughness Length of 1.0 Meter Used.  
\* ADJ\_U\* - Use ADJ\_U\* option for SBL in AERMET  
\* 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: 2460 Source(s); 1 Source Group(s); and 125 Receptor(s)  
with: 0 POINT(s), including  
0 POINTCAP(s) and 0 POINTHOR(s)  
and: 2460 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) = 481.00 ; 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 = 4.5 MB of RAM.

\*\*Input Runstream File:

aermod.inp

\*\*Output Print File:

aermod.out

\*\*Detailed Error/Message File: 13594 OPS SCENARIO

2.ERR

\*\*File for Summary of Results: 13594 OPS SCENARIO

2.SUM

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK  
VALLEY\13594 OPS\1359 \*\*\* 07/19/23

\*\*\* AERMET - VERSION 16216 \*\*\*

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L0006675	0	0.81930E-06	496313.4	3759510.4	705.1	3.49	4.00	3.25
YES								
L0006676	0	0.81930E-06	496321.2	3759506.9	705.5	3.49	4.00	3.25
YES								
L0006677	0	0.91760E-06	496073.0	3759494.6	696.9	3.49	4.00	3.25
YES								
L0006678	0	0.91760E-06	496080.9	3759491.3	696.8	3.49	4.00	3.25
YES								
L0006679	0	0.91760E-06	496088.8	3759487.9	696.7	3.49	4.00	3.25
YES								
L0006680	0	0.91760E-06	496096.8	3759484.5	696.6	3.49	4.00	3.25
YES								
L0006681	0	0.91760E-06	496104.7	3759481.2	696.5	3.49	4.00	3.25
YES								
L0006682	0	0.91760E-06	496112.6	3759477.8	696.4	3.49	4.00	3.25
YES								
L0006683	0	0.91760E-06	496120.5	3759474.4	696.3	3.49	4.00	3.25
YES								
L0006684	0	0.91760E-06	496128.4	3759471.1	696.4	3.49	4.00	3.25
YES								
L0006685	0	0.91760E-06	496136.3	3759467.7	696.6	3.49	4.00	3.25
YES								
L0006686	0	0.91760E-06	496144.2	3759464.3	696.7	3.49	4.00	3.25
YES								
L0006687	0	0.91760E-06	496152.1	3759461.0	696.9	3.49	4.00	3.25
YES								
L0006688	0	0.91760E-06	496160.0	3759457.6	697.0	3.49	4.00	3.25
YES								

**\*\*\* AERMOD - VERSION 22112 \*\*\***      **\*\*\* C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK VALLEY\13594 OPS\1359 \*\*\***  
**07/19/23**  
**\*\*\* AERMET - VERSION 16216 \*\*\***  
**\*\*\***

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* VOLUME SOURCE DATA \*\*\*

SOURCE	NUMBER	EMISSION	RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION	RATE			ELEV.	HEIGHT	SY	SZ
ID	PART.	(GRAMS/SEC)		X	Y	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	CATS.	BY		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)

L0006689	0	0.91760E-06	496167.9	3759454.2	697.2	3.49	4.00	3.25
YES								
L0006690	0	0.91760E-06	496175.8	3759450.9	697.3	3.49	4.00	3.25
YES								
L0006691	0	0.91760E-06	496183.7	3759447.5	697.5	3.49	4.00	3.25
YES								
L0006692	0	0.91760E-06	496191.6	3759444.1	697.9	3.49	4.00	3.25
YES								
L0006693	0	0.91760E-06	496199.5	3759440.8	698.3	3.49	4.00	3.25
YES								
L0006694	0	0.91760E-06	496207.4	3759437.4	698.8	3.49	4.00	3.25
YES								
L0006695	0	0.91760E-06	496215.3	3759434.0	699.1	3.49	4.00	3.25
YES								
L0006696	0	0.91760E-06	496223.2	3759430.7	699.2	3.49	4.00	3.25
YES								
L0006697	0	0.91760E-06	496231.1	3759427.3	699.4	3.49	4.00	3.25
YES								

L0006698	0	0.91760E-06	496239.0	3759423.9	699.5	3.49	4.00	3.25
YES								
L0006699	0	0.91760E-06	496246.9	3759420.5	699.8	3.49	4.00	3.25
YES								
L0006700	0	0.91760E-06	496254.8	3759417.2	700.1	3.49	4.00	3.25
YES								
L0006701	0	0.91760E-06	496262.7	3759413.8	700.5	3.49	4.00	3.25
YES								
L0006702	0	0.16220E-05	496024.8	3759431.5	694.2	3.49	4.00	3.25
YES								
L0006703	0	0.16220E-05	496032.7	3759428.1	694.0	3.49	4.00	3.25
YES								
L0006704	0	0.16220E-05	496040.5	3759424.7	694.0	3.49	4.00	3.25
YES								
L0006705	0	0.16220E-05	496048.4	3759421.3	694.0	3.49	4.00	3.25
YES								
L0006706	0	0.16220E-05	496056.3	3759417.8	694.0	3.49	4.00	3.25
YES								
L0006707	0	0.16220E-05	496064.2	3759414.4	694.0	3.49	4.00	3.25
YES								
L0006708	0	0.16220E-05	496072.0	3759411.0	694.1	3.49	4.00	3.25
YES								
L0006709	0	0.16220E-05	496079.9	3759407.5	694.0	3.49	4.00	3.25
YES								
L0006710	0	0.16220E-05	496087.8	3759404.1	694.0	3.49	4.00	3.25
YES								
L0006711	0	0.16220E-05	496095.7	3759400.7	694.1	3.49	4.00	3.25
YES								
L0006712	0	0.16220E-05	496103.5	3759397.2	694.3	3.49	4.00	3.25
YES								
L0006713	0	0.16220E-05	496111.4	3759393.8	694.4	3.49	4.00	3.25
YES								
L0006714	0	0.16220E-05	496119.3	3759390.4	694.5	3.49	4.00	3.25
YES								
L0006715	0	0.16220E-05	496127.2	3759386.9	694.6	3.49	4.00	3.25
YES								
L0006716	0	0.16220E-05	496135.0	3759383.5	694.7	3.49	4.00	3.25
YES								
L0006717	0	0.16220E-05	496142.9	3759380.1	694.9	3.49	4.00	3.25
YES								
L0006718	0	0.16220E-05	496150.8	3759376.6	695.0	3.49	4.00	3.25
YES								
L0006719	0	0.16220E-05	496158.7	3759373.2	695.2	3.49	4.00	3.25
YES								
L0006720	0	0.16220E-05	496166.5	3759369.8	695.4	3.49	4.00	3.25
YES								
L0006721	0	0.16220E-05	496174.4	3759366.4	695.7	3.49	4.00	3.25
YES								
L0006722	0	0.16220E-05	496182.3	3759362.9	696.1	3.49	4.00	3.25
YES								
L0006723	0	0.16220E-05	496190.2	3759359.5	696.5	3.49	4.00	3.25
YES								
L0006724	0	0.16220E-05	496198.1	3759356.1	696.8	3.49	4.00	3.25
YES								
L0006725	0	0.16220E-05	496205.9	3759352.6	697.0	3.49	4.00	3.25
YES								
L0006726	0	0.16220E-05	496213.8	3759349.2	697.3	3.49	4.00	3.25
YES								
L0006727	0	0.16220E-05	496221.7	3759345.8	697.8	3.49	4.00	3.25
YES								
L0006728	0	0.16220E-05	496229.6	3759342.3	698.4	3.49	4.00	3.25
YES								

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L0006777	0	0.10960E-05	496012.2	3759600.1	706.2	3.49	4.00	3.25
YES								
L0006778	0	0.10960E-05	496008.7	3759592.3	706.2	3.49	4.00	3.25
YES								
L0006779	0	0.10960E-05	496005.2	3759584.4	706.0	3.49	4.00	3.25
YES								
L0006780	0	0.10960E-05	496001.8	3759576.6	705.4	3.49	4.00	3.25
YES								
L0006781	0	0.10960E-05	495998.3	3759568.7	704.8	3.49	4.00	3.25
YES								
L0006782	0	0.10960E-05	495994.8	3759560.9	704.4	3.49	4.00	3.25
YES								
L0006783	0	0.10960E-05	495991.3	3759553.0	703.8	3.49	4.00	3.25
YES								
L0006784	0	0.10960E-05	495987.9	3759545.1	703.0	3.49	4.00	3.25
YES								
L0006785	0	0.10960E-05	495984.4	3759537.3	702.4	3.49	4.00	3.25
YES								
L0006786	0	0.10960E-05	495980.9	3759529.4	702.2	3.49	4.00	3.25
YES								
L0006787	0	0.10960E-05	495977.4	3759521.6	701.9	3.49	4.00	3.25
YES								
L0006788	0	0.10960E-05	495974.0	3759513.7	701.4	3.49	4.00	3.25
YES								
L0006789	0	0.10960E-05	495970.5	3759505.9	700.6	3.49	4.00	3.25
YES								
L0006790	0	0.10960E-05	495967.0	3759498.0	699.2	3.49	4.00	3.25
YES								
L0006791	0	0.10960E-05	495963.5	3759490.2	698.0	3.49	4.00	3.25
YES								
L0006792	0	0.10960E-05	495960.1	3759482.3	697.0	3.49	4.00	3.25
YES								
L0005558	0	0.11540E-05	495895.4	3759367.3	695.0	3.49	4.00	3.25
YES								
L0005559	0	0.11540E-05	495899.8	3759374.7	695.0	3.49	4.00	3.25
YES								
L0005560	0	0.11540E-05	495904.2	3759382.1	695.0	3.49	4.00	3.25
YES								
L0005561	0	0.11540E-05	495908.9	3759389.2	695.0	3.49	4.00	3.25
YES								
L0005562	0	0.11540E-05	495915.2	3759395.1	694.8	3.49	4.00	3.25
YES								
L0005563	0	0.11540E-05	495921.4	3759401.0	694.6	3.49	4.00	3.25
YES								
L0005564	0	0.11540E-05	495928.4	3759406.0	694.4	3.49	4.00	3.25
YES								
L0005565	0	0.11540E-05	495935.5	3759410.9	694.3	3.49	4.00	3.25
YES								
L0005566	0	0.11540E-05	495942.6	3759415.7	694.3	3.49	4.00	3.25
YES								
L0005567	0	0.11540E-05	495950.3	3759419.5	694.4	3.49	4.00	3.25
YES								
L0005568	0	0.11540E-05	495958.1	3759423.0	694.6	3.49	4.00	3.25
YES								
L0005569	0	0.11540E-05	495965.9	3759426.6	694.7	3.49	4.00	3.25
YES								
L0005570	0	0.11540E-05	495972.9	3759431.4	694.8	3.49	4.00	3.25
YES								
L0005571	0	0.11540E-05	495979.3	3759437.1	695.0	3.49	4.00	3.25
YES								
L0005572	0	0.11540E-05	495985.2	3759443.3	695.0	3.49	4.00	3.25
YES								
L0005573	0	0.11540E-05	495990.1	3759450.4	695.0	3.49	4.00	3.25
YES								





L0008209 YES	0	0.15320E-06	496007.4	3759773.6	706.5	3.49	4.00	3.25
L0008210 YES	0	0.15320E-06	495999.6	3759777.2	706.4	3.49	4.00	3.25
L0008211 YES	0	0.15320E-06	495991.8	3759780.9	706.5	3.49	4.00	3.25
L0008212 YES	0	0.15320E-06	495984.0	3759784.5	706.6	3.49	4.00	3.25
L0008213 YES	0	0.15320E-06	495976.2	3759788.1	706.7	3.49	4.00	3.25
L0008214 YES	0	0.15320E-06	495968.4	3759791.7	706.8	3.49	4.00	3.25
L0008215 YES	0	0.15320E-06	495960.6	3759795.4	706.7	3.49	4.00	3.25
L0008216 YES	0	0.15320E-06	495952.9	3759799.0	706.5	3.49	4.00	3.25
L0008217 YES	0	0.15320E-06	495945.1	3759802.6	706.4	3.49	4.00	3.25
L0008218 YES	0	0.15320E-06	495937.3	3759806.2	706.3	3.49	4.00	3.25
L0008219 YES	0	0.15320E-06	495929.4	3759808.7	706.4	3.49	4.00	3.25
L0008220 YES	0	0.15320E-06	495920.9	3759807.1	706.4	3.49	4.00	3.25
L0008221 YES	0	0.15320E-06	495912.5	3759805.5	706.3	3.49	4.00	3.25
L0008222 YES	0	0.15320E-06	495904.2	3759803.4	706.0	3.49	4.00	3.25
L0008223 YES	0	0.15320E-06	495896.0	3759800.7	705.7	3.49	4.00	3.25
L0008224 YES	0	0.15320E-06	495887.8	3759798.1	705.3	3.49	4.00	3.25
L0008225 YES	0	0.15320E-06	495879.7	3759795.2	705.0	3.49	4.00	3.25
L0008226 YES	0	0.15320E-06	495871.8	3759791.9	705.0	3.49	4.00	3.25
L0008227 YES	0	0.15320E-06	495863.9	3759788.5	704.9	3.49	4.00	3.25
L0008228 YES	0	0.15320E-06	495856.0	3759785.2	704.7	3.49	4.00	3.25
L0008229 YES	0	0.15320E-06	495862.9	3759781.8	704.7	3.49	4.00	3.25
L0008230 YES	0	0.15320E-06	495870.8	3759778.4	704.8	3.49	4.00	3.25
L0008231 YES	0	0.15320E-06	495878.7	3759775.0	705.0	3.49	4.00	3.25
L0008232 YES	0	0.15320E-06	495886.6	3759771.6	705.0	3.49	4.00	3.25
L0008233 YES	0	0.15320E-06	495894.5	3759768.2	705.0	3.49	4.00	3.25
L0008234 YES	0	0.15320E-06	495902.4	3759764.8	705.0	3.49	4.00	3.25
L0008235 YES	0	0.15320E-06	495910.3	3759761.5	704.8	3.49	4.00	3.25
L0008236 YES	0	0.15320E-06	495918.2	3759758.1	705.0	3.49	4.00	3.25
L0008237 YES	0	0.15320E-06	495926.1	3759754.7	705.1	3.49	4.00	3.25
L0008238 YES	0	0.15320E-06	495934.0	3759751.3	705.3	3.49	4.00	3.25
L0008239 YES	0	0.15320E-06	495941.9	3759747.9	705.4	3.49	4.00	3.25
L0008240 YES	0	0.15320E-06	495949.8	3759744.5	705.3	3.49	4.00	3.25
L0008241 YES	0	0.15320E-06	495957.7	3759741.1	705.2	3.49	4.00	3.25



L0008265	0	0.15370E-06	495777.7	3759763.5	703.5	3.49	4.00	3.25
YES								
L0008266	0	0.15370E-06	495769.5	3759761.1	703.1	3.49	4.00	3.25
YES								
L0008267	0	0.15370E-06	495761.2	3759758.6	702.8	3.49	4.00	3.25
YES								
L0008268	0	0.15370E-06	495753.0	3759756.2	702.5	3.49	4.00	3.25
YES								
L0008269	0	0.15370E-06	495744.8	3759753.7	702.3	3.49	4.00	3.25
YES								
L0008270	0	0.15370E-06	495736.5	3759751.3	702.1	3.49	4.00	3.25
YES								
L0008271	0	0.15370E-06	495728.3	3759748.8	702.0	3.49	4.00	3.25
YES								
L0008272	0	0.15370E-06	495720.1	3759746.4	702.0	3.49	4.00	3.25
YES								
L0008273	0	0.42710E-06	496125.6	3759719.3	704.4	3.49	4.00	3.25
YES								
L0008274	0	0.42710E-06	496133.4	3759715.8	704.3	3.49	4.00	3.25
YES								
L0008275	0	0.42710E-06	496141.3	3759712.3	704.2	3.49	4.00	3.25
YES								
L0008276	0	0.42710E-06	496149.1	3759708.9	704.1	3.49	4.00	3.25
YES								
L0008277	0	0.42710E-06	496157.0	3759705.4	704.0	3.49	4.00	3.25
YES								
L0008278	0	0.42710E-06	496164.8	3759701.9	703.9	3.49	4.00	3.25
YES								
L0008279	0	0.42710E-06	496172.7	3759698.4	703.7	3.49	4.00	3.25
YES								
L0008280	0	0.42710E-06	496180.6	3759695.2	703.6	3.49	4.00	3.25
YES								
L0008281	0	0.42710E-06	496188.9	3759692.8	703.7	3.49	4.00	3.25
YES								

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* VOLUME SOURCE DATA \*\*\*

SOURCE	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION	RATE		ELEV.	HEIGHT	SY	SZ
ID	PART.	(GRAMS/SEC)		X	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	SCALAR	BY		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
	CATS.							

L0008282	0	0.42710E-06	496197.2	3759690.5	703.8	3.49	4.00	3.25
YES								
L0008283	0	0.42710E-06	496205.1	3759687.4	703.9	3.49	4.00	3.25
YES								
L0008284	0	0.42710E-06	496213.0	3759683.8	704.0	3.49	4.00	3.25
YES								
L0008285	0	0.42710E-06	496220.8	3759680.3	704.0	3.49	4.00	3.25
YES								
L0008286	0	0.42710E-06	496228.6	3759676.8	704.0	3.49	4.00	3.25
YES								
L0008287	0	0.42710E-06	496236.4	3759673.2	704.0	3.49	4.00	3.25
YES								



L0008288 YES	0	0.42710E-06	496244.3	3759669.7	704.1	3.49	4.00	3.25
L0008289 YES	0	0.42710E-06	496252.1	3759666.2	704.4	3.49	4.00	3.25
L0008290 YES	0	0.42710E-06	496259.9	3759662.6	704.6	3.49	4.00	3.25
L0008291 YES	0	0.42710E-06	496267.8	3759659.1	704.9	3.49	4.00	3.25
L0008292 YES	0	0.42710E-06	496275.6	3759655.6	705.1	3.49	4.00	3.25
L0008293 YES	0	0.42710E-06	496283.4	3759652.0	705.3	3.49	4.00	3.25
L0008294 YES	0	0.42710E-06	496291.3	3759648.5	705.6	3.49	4.00	3.25
L0008295 YES	0	0.42710E-06	496299.1	3759645.0	705.9	3.49	4.00	3.25
L0008296 YES	0	0.42710E-06	496306.9	3759641.4	706.2	3.49	4.00	3.25
L0008297 YES	0	0.42710E-06	496314.7	3759637.9	706.5	3.49	4.00	3.25
L0008298 YES	0	0.42710E-06	496322.6	3759634.4	706.7	3.49	4.00	3.25
L0008299 YES	0	0.42710E-06	496330.4	3759630.8	707.0	3.49	4.00	3.25
L0008300 YES	0	0.42710E-06	496338.2	3759627.3	707.4	3.49	4.00	3.25
L0008301 YES	0	0.42710E-06	496346.1	3759623.8	707.6	3.49	4.00	3.25
L0008302 YES	0	0.42710E-06	496353.9	3759620.2	707.9	3.49	4.00	3.25
L0008303 YES	0	0.42710E-06	496361.7	3759616.7	708.1	3.49	4.00	3.25
L0008304 YES	0	0.42710E-06	496369.6	3759613.2	708.6	3.49	4.00	3.25
L0008305 YES	0	0.42710E-06	496377.4	3759609.6	709.0	3.49	4.00	3.25
L0008306 YES	0	0.42710E-06	496385.2	3759606.1	709.4	3.49	4.00	3.25
L0008307 YES	0	0.42710E-06	496393.0	3759602.6	709.6	3.49	4.00	3.25
L0008308 YES	0	0.42710E-06	496400.9	3759599.0	709.8	3.49	4.00	3.25
L0008309 YES	0	0.42710E-06	496408.7	3759595.5	709.9	3.49	4.00	3.25
L0008310 YES	0	0.42710E-06	496416.5	3759592.0	710.1	3.49	4.00	3.25
L0008311 YES	0	0.42710E-06	496424.4	3759588.4	710.2	3.49	4.00	3.25
L0008312 YES	0	0.42710E-06	496432.2	3759584.9	710.4	3.49	4.00	3.25
L0008313 YES	0	0.42710E-06	496440.0	3759581.4	710.6	3.49	4.00	3.25
L0008314 YES	0	0.42710E-06	496447.8	3759577.8	710.9	3.49	4.00	3.25
L0008315 YES	0	0.42710E-06	496455.7	3759574.3	711.3	3.49	4.00	3.25
L0008316 YES	0	0.42710E-06	496463.5	3759570.8	711.6	3.49	4.00	3.25
L0008317 YES	0	0.42710E-06	496471.3	3759567.2	711.9	3.49	4.00	3.25
L0008318 YES	0	0.42710E-06	496479.2	3759563.7	712.2	3.49	4.00	3.25
L0008319 YES	0	0.42710E-06	496487.0	3759560.2	712.5	3.49	4.00	3.25
L0008320 YES	0	0.42710E-06	496494.8	3759556.6	713.0	3.49	4.00	3.25





L0008367 YES	0	0.42710E-06	496281.9	3759589.5	703.9	3.49	4.00	3.25
L0008368 YES	0	0.42710E-06	496274.1	3759593.1	703.5	3.49	4.00	3.25
L0008369 YES	0	0.42710E-06	496266.3	3759596.7	703.2	3.49	4.00	3.25
L0008370 YES	0	0.42710E-06	496258.5	3759600.3	703.1	3.49	4.00	3.25
L0008371 YES	0	0.42710E-06	496250.7	3759603.9	702.9	3.49	4.00	3.25
L0008372 YES	0	0.42710E-06	496242.9	3759607.6	702.8	3.49	4.00	3.25
L0008373 YES	0	0.42710E-06	496235.1	3759611.2	702.8	3.49	4.00	3.25
L0008374 YES	0	0.42710E-06	496227.3	3759614.8	702.9	3.49	4.00	3.25
L0008375 YES	0	0.42710E-06	496219.5	3759618.4	703.0	3.49	4.00	3.25
L0008376 YES	0	0.42710E-06	496211.7	3759622.0	703.0	3.49	4.00	3.25
L0008377 YES	0	0.42710E-06	496204.0	3759625.6	702.8	3.49	4.00	3.25
L0008378 YES	0	0.42710E-06	496196.2	3759629.2	702.5	3.49	4.00	3.25
L0008379 YES	0	0.42710E-06	496188.4	3759632.9	702.3	3.49	4.00	3.25
L0008380 YES	0	0.42710E-06	496180.6	3759636.5	702.0	3.49	4.00	3.25
L0008381 YES	0	0.42710E-06	496172.8	3759640.1	701.9	3.49	4.00	3.25
L0008382 YES	0	0.42710E-06	496165.0	3759643.7	702.0	3.49	4.00	3.25
L0008383 YES	0	0.42710E-06	496157.2	3759647.3	702.0	3.49	4.00	3.25
L0008384 YES	0	0.42710E-06	496154.4	3759652.9	702.2	3.49	4.00	3.25
L0008385 YES	0	0.42710E-06	496157.7	3759660.8	702.5	3.49	4.00	3.25
L0008386 YES	0	0.42710E-06	496161.0	3759668.8	702.8	3.49	4.00	3.25
L0008387 YES	0	0.42710E-06	496164.2	3759676.7	703.0	3.49	4.00	3.25
L0008388 YES	0	0.42710E-06	496167.5	3759684.7	703.3	3.49	4.00	3.25
L0008389 YES	0	0.42710E-06	496170.8	3759692.6	703.5	3.49	4.00	3.25
L0008390 YES	0	0.43160E-06	496514.0	3759469.5	714.3	3.49	4.00	3.25
L0008391 YES	0	0.43160E-06	496506.9	3759464.6	713.8	3.49	4.00	3.25
L0008392 YES	0	0.43160E-06	496499.9	3759459.7	713.5	3.49	4.00	3.25
L0008393 YES	0	0.43160E-06	496492.8	3759454.8	712.9	3.49	4.00	3.25
L0008394 YES	0	0.43160E-06	496485.7	3759449.9	712.1	3.49	4.00	3.25
L0008395 YES	0	0.43160E-06	496478.6	3759445.1	711.2	3.49	4.00	3.25
L0008396 YES	0	0.43160E-06	496471.6	3759440.2	710.5	3.49	4.00	3.25
L0008397 YES	0	0.43160E-06	496463.8	3759443.4	710.0	3.49	4.00	3.25
L0008398 YES	0	0.43160E-06	496456.0	3759447.0	709.4	3.49	4.00	3.25
L0008399 YES	0	0.43160E-06	496448.3	3759450.7	708.9	3.49	4.00	3.25



L0008423	0	0.43160E-06	496444.7	3759411.0	709.0	3.49	4.00	3.25
YES								
L0008424	0	0.43160E-06	496449.5	3759418.1	709.0	3.49	4.00	3.25
YES								
L0008425	0	0.43160E-06	496454.3	3759425.3	709.2	3.49	4.00	3.25
YES								
L0008426	0	0.43160E-06	496459.0	3759432.4	709.5	3.49	4.00	3.25
YES								
L0006793	0	0.50410E-06	495767.0	3759447.5	696.4	3.49	4.00	3.25
YES								
L0006794	0	0.50410E-06	495770.2	3759455.5	696.6	3.49	4.00	3.25
YES								
L0006795	0	0.50410E-06	495773.5	3759463.4	696.9	3.49	4.00	3.25
YES								
L0006796	0	0.50410E-06	495776.7	3759471.4	697.2	3.49	4.00	3.25
YES								
L0006797	0	0.50410E-06	495777.3	3759479.2	697.4	3.49	4.00	3.25
YES								
L0006798	0	0.50410E-06	495773.5	3759487.0	697.7	3.49	4.00	3.25
YES								
L0006799	0	0.50410E-06	495773.8	3759495.3	698.0	3.49	4.00	3.25
YES								
L0006800	0	0.50410E-06	495775.5	3759503.7	698.1	3.49	4.00	3.25
YES								
L0006801	0	0.50410E-06	495778.9	3759511.6	698.2	3.49	4.00	3.25
YES								
L0006802	0	0.50410E-06	495782.3	3759519.5	698.2	3.49	4.00	3.25
YES								
L0006803	0	0.50410E-06	495785.7	3759527.3	698.2	3.49	4.00	3.25
YES								
L0006804	0	0.50410E-06	495789.1	3759535.2	698.6	3.49	4.00	3.25
YES								
L0006805	0	0.50410E-06	495792.5	3759543.1	699.2	3.49	4.00	3.25
YES								
L0006806	0	0.50410E-06	495795.9	3759551.0	699.7	3.49	4.00	3.25
YES								
L0006807	0	0.50410E-06	495799.3	3759558.9	699.9	3.49	4.00	3.25
YES								

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* VOLUME SOURCE DATA \*\*\*

SOURCE	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION RATE			ELEV.	HEIGHT	SY	SZ
ID	PART.	(GRAMS/SEC)	X	Y	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	SCALAR VARY							
	CATS.	BY						

L0006808	0	0.50410E-06	495802.7	3759566.8	699.8	3.49	4.00	3.25
YES								
L0006809	0	0.50410E-06	495806.1	3759574.7	699.7	3.49	4.00	3.25
YES								
L0006810	0	0.50410E-06	495809.5	3759582.6	699.7	3.49	4.00	3.25
YES								
L0006811	0	0.50410E-06	495812.9	3759590.4	699.9	3.49	4.00	3.25
YES								

L0006812 YES	0	0.50410E-06	495816.3	3759598.3	700.3	3.49	4.00	3.25
L0006813 YES	0	0.50410E-06	495819.7	3759606.2	700.6	3.49	4.00	3.25
L0006814 YES	0	0.50410E-06	495823.1	3759614.1	700.9	3.49	4.00	3.25
L0006815 YES	0	0.50410E-06	495826.5	3759622.0	701.0	3.49	4.00	3.25
L0006816 YES	0	0.50410E-06	495829.9	3759629.9	701.1	3.49	4.00	3.25
L0006817 YES	0	0.50410E-06	495833.3	3759637.8	701.3	3.49	4.00	3.25
L0006818 YES	0	0.50410E-06	495836.7	3759645.7	701.5	3.49	4.00	3.25
L0006819 YES	0	0.50410E-06	495840.1	3759653.6	701.7	3.49	4.00	3.25
L0006820 YES	0	0.50410E-06	495843.5	3759661.4	701.8	3.49	4.00	3.25
L0006821 YES	0	0.50410E-06	495846.9	3759669.3	701.9	3.49	4.00	3.25
L0006822 YES	0	0.50410E-06	495850.3	3759677.2	702.0	3.49	4.00	3.25
L0006823 YES	0	0.50410E-06	495853.7	3759685.1	702.4	3.49	4.00	3.25
L0006824 YES	0	0.50410E-06	495857.1	3759693.0	702.7	3.49	4.00	3.25
L0006825 YES	0	0.50410E-06	495859.5	3759700.5	702.9	3.49	4.00	3.25
L0006826 YES	0	0.50410E-06	495851.8	3759704.2	702.9	3.49	4.00	3.25
L0006827 YES	0	0.50410E-06	495844.0	3759707.9	702.8	3.49	4.00	3.25
L0006828 YES	0	0.50410E-06	495836.2	3759711.6	702.7	3.49	4.00	3.25
L0006829 YES	0	0.50410E-06	495828.5	3759715.2	702.6	3.49	4.00	3.25
L0006830 YES	0	0.50410E-06	495820.7	3759718.9	702.4	3.49	4.00	3.25
L0006831 YES	0	0.50410E-06	495813.0	3759722.6	702.5	3.49	4.00	3.25
L0006832 YES	0	0.52430E-06	495766.6	3759448.6	696.4	3.49	4.00	3.25
L0006833 YES	0	0.52430E-06	495770.1	3759456.4	696.7	3.49	4.00	3.25
L0006834 YES	0	0.52430E-06	495773.6	3759464.2	696.9	3.49	4.00	3.25
L0006835 YES	0	0.52430E-06	495777.1	3759472.1	697.2	3.49	4.00	3.25
L0006836 YES	0	0.52430E-06	495780.6	3759479.9	697.5	3.49	4.00	3.25
L0006837 YES	0	0.52430E-06	495786.6	3759485.8	697.7	3.49	4.00	3.25
L0006838 YES	0	0.52430E-06	495793.3	3759491.2	697.8	3.49	4.00	3.25
L0006839 YES	0	0.52430E-06	495798.7	3759497.8	698.0	3.49	4.00	3.25
L0006840 YES	0	0.52430E-06	495803.6	3759504.9	698.2	3.49	4.00	3.25
L0006841 YES	0	0.52430E-06	495808.1	3759512.2	698.6	3.49	4.00	3.25
L0006842 YES	0	0.52430E-06	495812.4	3759519.6	699.1	3.49	4.00	3.25
L0006843 YES	0	0.52430E-06	495816.6	3759527.1	699.8	3.49	4.00	3.25
L0006844 YES	0	0.52430E-06	495820.0	3759535.0	700.0	3.49	4.00	3.25





L0006868	0	0.52430E-06	495903.1	3759720.7	703.9	3.49	4.00	3.25
YES								
L0006869	0	0.52430E-06	495910.9	3759717.2	704.0	3.49	4.00	3.25
YES								
L0006870	0	0.52430E-06	495918.7	3759713.6	704.1	3.49	4.00	3.25
YES								
L0006871	0	0.52430E-06	495926.5	3759710.0	704.1	3.49	4.00	3.25
YES								
L0006872	0	0.52430E-06	495934.3	3759706.4	704.0	3.49	4.00	3.25
YES								
L0006873	0	0.52430E-06	495942.1	3759702.9	703.9	3.49	4.00	3.25
YES								
L0006874	0	0.52430E-06	495949.9	3759699.3	703.8	3.49	4.00	3.25
YES								
L0006875	0	0.52430E-06	495957.8	3759695.7	703.6	3.49	4.00	3.25
YES								
L0006876	0	0.52430E-06	495965.6	3759692.1	703.5	3.49	4.00	3.25
YES								
L0006877	0	0.52430E-06	495973.4	3759688.6	703.4	3.49	4.00	3.25
YES								
L0006878	0	0.52430E-06	495981.2	3759685.0	703.3	3.49	4.00	3.25
YES								
L0006879	0	0.52430E-06	495989.0	3759681.4	703.2	3.49	4.00	3.25
YES								
L0006880	0	0.52430E-06	495996.8	3759677.8	703.1	3.49	4.00	3.25
YES								
L0006881	0	0.52430E-06	496004.6	3759674.3	703.1	3.49	4.00	3.25
YES								
L0006882	0	0.52430E-06	496012.4	3759670.7	703.4	3.49	4.00	3.25
YES								
L0006883	0	0.52430E-06	496020.2	3759667.1	703.7	3.49	4.00	3.25
YES								
L0006884	0	0.52430E-06	496028.0	3759663.5	703.9	3.49	4.00	3.25
YES								
L0006885	0	0.52430E-06	496035.9	3759660.0	704.0	3.49	4.00	3.25
YES								
L0006886	0	0.52430E-06	496043.7	3759656.4	704.0	3.49	4.00	3.25
YES								
L0006887	0	0.52430E-06	496050.6	3759652.5	704.0	3.49	4.00	3.25
YES								

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* VOLUME SOURCE DATA \*\*\*

SOURCE	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION	RATE		ELEV.	HEIGHT	SY	SZ
ID	PART.	(GRAMS/SEC)		X	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
	CATS.		BY					

L0006888	0	0.52430E-06	496047.2	3759644.6	704.1	3.49	4.00	3.25
YES								
L0006889	0	0.52430E-06	496043.8	3759636.8	704.6	3.49	4.00	3.25
YES								
L0006890	0	0.52430E-06	496040.3	3759628.9	705.1	3.49	4.00	3.25
YES								

L0006891 YES	0	0.52430E-06	496036.9	3759621.0	705.7	3.49	4.00	3.25
L0006892 YES	0	0.52430E-06	496033.4	3759613.2	706.1	3.49	4.00	3.25
L0006893 YES	0	0.52430E-06	496030.0	3759605.3	706.4	3.49	4.00	3.25
L0006894 YES	0	0.52430E-06	496026.5	3759597.4	706.5	3.49	4.00	3.25
L0006895 YES	0	0.52430E-06	496023.1	3759589.5	706.7	3.49	4.00	3.25
L0006896 YES	0	0.52430E-06	496019.7	3759581.7	706.3	3.49	4.00	3.25
L0006897 YES	0	0.52430E-06	496016.2	3759573.8	705.7	3.49	4.00	3.25
L0006898 YES	0	0.52430E-06	496012.8	3759565.9	705.1	3.49	4.00	3.25
L0006899 YES	0	0.52430E-06	496009.3	3759558.1	704.4	3.49	4.00	3.25
L0006900 YES	0	0.52430E-06	496005.9	3759550.2	703.0	3.49	4.00	3.25
L0006901 YES	0	0.52430E-06	496002.4	3759542.3	701.3	3.49	4.00	3.25
L0006902 YES	0	0.52430E-06	495999.0	3759534.5	699.9	3.49	4.00	3.25
L0006903 YES	0	0.52430E-06	495995.6	3759526.6	699.0	3.49	4.00	3.25
L0006904 YES	0	0.52430E-06	495992.1	3759518.7	699.0	3.49	4.00	3.25
L0006905 YES	0	0.52430E-06	495988.7	3759510.8	698.7	3.49	4.00	3.25
L0006906 YES	0	0.52430E-06	495985.2	3759503.0	698.3	3.49	4.00	3.25
L0006907 YES	0	0.52430E-06	495981.8	3759495.1	697.8	3.49	4.00	3.25
L0006908 YES	0	0.52430E-06	495978.3	3759487.2	697.2	3.49	4.00	3.25
L0006909 YES	0	0.52430E-06	495974.9	3759479.4	696.6	3.49	4.00	3.25
L0006910 YES	0	0.52430E-06	495971.5	3759471.5	695.7	3.49	4.00	3.25
L0006911 YES	0	0.52430E-06	495968.0	3759463.6	695.0	3.49	4.00	3.25
L0006912 YES	0	0.52430E-06	495964.6	3759455.8	695.0	3.49	4.00	3.25
L0006913 YES	0	0.52430E-06	495961.1	3759447.9	695.0	3.49	4.00	3.25
L0006914 YES	0	0.52430E-06	495957.7	3759440.0	695.0	3.49	4.00	3.25
L0006915 YES	0	0.52430E-06	495954.2	3759432.1	694.9	3.49	4.00	3.25
L0006916 YES	0	0.52430E-06	495950.8	3759424.3	694.6	3.49	4.00	3.25
L0006917 YES	0	0.52430E-06	495946.7	3759416.8	694.3	3.49	4.00	3.25
L0006918 YES	0	0.52430E-06	495939.6	3759412.1	694.2	3.49	4.00	3.25
L0006919 YES	0	0.52430E-06	495932.2	3759407.8	694.3	3.49	4.00	3.25
L0006920 YES	0	0.52430E-06	495924.8	3759403.4	694.5	3.49	4.00	3.25
L0006921 YES	0	0.52430E-06	495917.5	3759398.8	694.8	3.49	4.00	3.25
L0006922 YES	0	0.52430E-06	495911.5	3759392.9	695.0	3.49	4.00	3.25
L0006923 YES	0	0.52430E-06	495906.5	3759385.9	695.0	3.49	4.00	3.25



L0006947	0	0.26330E-06	496009.6	3759486.6	695.7	3.49	4.00	3.25
YES								
L0006948	0	0.26330E-06	496012.9	3759494.5	695.9	3.49	4.00	3.25
YES								
L0006949	0	0.26330E-06	496016.2	3759502.4	696.6	3.49	4.00	3.25
YES								
L0006950	0	0.26330E-06	496022.9	3759501.9	696.7	3.49	4.00	3.25
YES								
L0006951	0	0.26330E-06	496030.7	3759498.4	696.3	3.49	4.00	3.25
YES								
L0006952	0	0.26330E-06	496038.5	3759494.8	696.2	3.49	4.00	3.25
YES								
L0006953	0	0.26330E-06	496046.4	3759491.3	696.4	3.49	4.00	3.25
YES								
L0006954	0	0.26330E-06	496054.2	3759487.8	696.5	3.49	4.00	3.25
YES								
L0006955	0	0.26330E-06	496062.0	3759484.3	696.6	3.49	4.00	3.25
YES								
L0006956	0	0.26330E-06	496069.9	3759480.7	696.5	3.49	4.00	3.25
YES								
L0006957	0	0.26330E-06	496077.7	3759477.2	696.4	3.49	4.00	3.25
YES								
L0006958	0	0.26330E-06	496085.5	3759473.7	696.2	3.49	4.00	3.25
YES								
L0006959	0	0.26330E-06	496093.4	3759470.1	696.1	3.49	4.00	3.25
YES								
L0006960	0	0.26330E-06	496101.2	3759466.6	696.0	3.49	4.00	3.25
YES								
L0006961	0	0.26330E-06	496109.0	3759463.1	695.9	3.49	4.00	3.25
YES								
L0006962	0	0.26330E-06	496116.9	3759459.6	695.8	3.49	4.00	3.25
YES								
L0006963	0	0.26330E-06	496124.7	3759456.0	695.8	3.49	4.00	3.25
YES								
L0006964	0	0.26330E-06	496132.5	3759452.5	695.9	3.49	4.00	3.25
YES								
L0006965	0	0.26330E-06	496140.4	3759449.0	696.1	3.49	4.00	3.25
YES								
L0006966	0	0.26330E-06	496148.2	3759445.5	696.2	3.49	4.00	3.25
YES								
L0006967	0	0.26330E-06	496156.0	3759441.9	696.4	3.49	4.00	3.25
YES								

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* VOLUME SOURCE DATA \*\*\*

SOURCE	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.	INIT.
SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ
ID	SCALAR	VARY			(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)

L0006968	0	0.26330E-06	496163.9	3759438.4	696.5	3.49	4.00	3.25
YES								
L0006969	0	0.26330E-06	496171.7	3759434.9	696.7	3.49	4.00	3.25
YES								



L0007003	0	0.26330E-06	496236.0	3759233.0	700.9	3.49	4.00	3.25
YES								
L0007004	0	0.26330E-06	496232.6	3759225.1	700.2	3.49	4.00	3.25
YES								
L0007005	0	0.26330E-06	496229.6	3759217.0	698.4	3.49	4.00	3.25
YES								
L0007006	0	0.26330E-06	496227.1	3759208.8	696.8	3.49	4.00	3.25
YES								
L0007007	0	0.26330E-06	496224.6	3759200.6	695.6	3.49	4.00	3.25
YES								

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK VALLEY\13594 OPS\1359 \*\*\* 07/19/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* VOLUME SOURCE DATA \*\*\*

SOURCE	NUMBER	EMISSION RATE	BASE		RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION RATE	X	Y	HEIGHT	SY	SZ
ID	PART.	(GRAMS/SEC)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	CATS.	BY					
L0007008	0	0.26330E-06	496221.1	3759192.9	695.0	3.49	3.25
YES							
L0007009	0	0.26330E-06	496216.5	3759185.6	695.0	3.49	3.25
YES							
L0007010	0	0.26330E-06	496211.8	3759178.4	695.0	3.49	3.25
YES							
L0007011	0	0.26220E-06	495894.2	3759367.2	695.0	3.49	3.25
YES							
L0007012	0	0.26220E-06	495899.2	3759374.3	695.0	3.49	3.25
YES							
L0007013	0	0.26220E-06	495904.1	3759381.3	695.0	3.49	3.25
YES							
L0007014	0	0.26220E-06	495909.0	3759388.3	695.0	3.49	3.25
YES							
L0007015	0	0.26220E-06	495914.5	3759394.9	694.9	3.49	3.25
YES							
L0007016	0	0.26220E-06	495921.0	3759400.4	694.6	3.49	3.25
YES							
L0007017	0	0.26220E-06	495928.2	3759405.1	694.4	3.49	3.25
YES							
L0007018	0	0.26220E-06	495935.7	3759409.3	694.2	3.49	3.25
YES							
L0007019	0	0.26220E-06	495943.1	3759413.6	694.2	3.49	3.25
YES							
L0007020	0	0.26220E-06	495950.6	3759417.9	694.4	3.49	3.25
YES							
L0007021	0	0.26220E-06	495958.0	3759422.2	694.5	3.49	3.25
YES							
L0007022	0	0.26220E-06	495965.5	3759426.5	694.7	3.49	3.25
YES							
L0007023	0	0.26220E-06	495972.9	3759430.8	694.8	3.49	3.25
YES							
L0007024	0	0.26220E-06	495978.9	3759436.8	695.0	3.49	3.25
YES							
L0007025	0	0.26220E-06	495984.8	3759443.1	695.0	3.49	3.25
YES							

L0007026	0	0.26220E-06	495990.1	3759449.8	695.0	3.49	4.00	3.25
YES								
L0007027	0	0.26220E-06	495994.7	3759457.1	695.0	3.49	4.00	3.25
YES								
L0007028	0	0.26220E-06	495999.3	3759464.3	695.0	3.49	4.00	3.25
YES								
L0007029	0	0.26220E-06	496003.9	3759471.6	695.2	3.49	4.00	3.25
YES								
L0007030	0	0.26220E-06	496007.4	3759479.4	695.4	3.49	4.00	3.25
YES								
L0007031	0	0.26220E-06	496010.9	3759487.3	695.7	3.49	4.00	3.25
YES								
L0007032	0	0.26220E-06	496014.3	3759495.2	696.0	3.49	4.00	3.25
YES								
L0007033	0	0.26220E-06	496017.8	3759503.0	696.7	3.49	4.00	3.25
YES								
L0007034	0	0.26220E-06	496021.2	3759510.9	697.7	3.49	4.00	3.25
YES								
L0007035	0	0.26220E-06	496024.6	3759518.8	698.7	3.49	4.00	3.25
YES								
L0007036	0	0.26220E-06	496028.1	3759526.6	699.9	3.49	4.00	3.25
YES								
L0007037	0	0.26220E-06	496031.5	3759534.5	701.4	3.49	4.00	3.25
YES								
L0007038	0	0.26220E-06	496035.0	3759542.4	702.8	3.49	4.00	3.25
YES								
L0007039	0	0.26220E-06	496038.4	3759550.2	704.1	3.49	4.00	3.25
YES								
L0007040	0	0.26220E-06	496041.9	3759558.1	705.1	3.49	4.00	3.25
YES								
L0007041	0	0.26220E-06	496045.3	3759566.0	705.6	3.49	4.00	3.25
YES								
L0007042	0	0.26220E-06	496048.7	3759573.9	706.2	3.49	4.00	3.25
YES								
L0007043	0	0.26220E-06	496052.2	3759581.7	706.7	3.49	4.00	3.25
YES								
L0007044	0	0.26220E-06	496055.6	3759589.6	706.9	3.49	4.00	3.25
YES								
L0007045	0	0.26220E-06	496059.1	3759597.5	706.6	3.49	4.00	3.25
YES								
L0007046	0	0.26220E-06	496062.5	3759605.3	706.1	3.49	4.00	3.25
YES								
L0007047	0	0.26220E-06	496066.0	3759613.2	705.4	3.49	4.00	3.25
YES								

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK VALLEY\13594 OPS\1359 \*\*\* 07/19/23

\*\*\* AERMET - VERSION 16216 \*\*\*  
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\*\*\* MODELOPTs: RegDFault CONC ELEV URBAN ADJ\_U\*

\*\*\* VOLUME SOURCE DATA \*\*\*

SOURCE	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION RATE			ELEV.	HEIGHT	SY	SZ
ID	PART.	(GRAMS/SEC)	X	Y	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	SCALAR VARY	BY						
	CATS.							

L0007048	0	0.26220E-06	496069.4	3759621.1	704.6	3.49	4.00	3.25
YES								

L0007049 YES	0	0.26220E-06	496072.8	3759628.9	704.0	3.49	4.00	3.25
L0007050 YES	0	0.26220E-06	496076.3	3759636.8	703.6	3.49	4.00	3.25
L0007051 YES	0	0.26220E-06	496081.8	3759639.2	703.2	3.49	4.00	3.25
L0007052 YES	0	0.26220E-06	496089.7	3759635.7	702.7	3.49	4.00	3.25
L0007053 YES	0	0.26220E-06	496097.5	3759632.2	702.3	3.49	4.00	3.25
L0007054 YES	0	0.26220E-06	496105.4	3759628.6	701.9	3.49	4.00	3.25
L0007055 YES	0	0.26220E-06	496113.2	3759625.1	701.5	3.49	4.00	3.25
L0007056 YES	0	0.26220E-06	496121.0	3759621.6	701.2	3.49	4.00	3.25
L0007057 YES	0	0.26220E-06	496128.9	3759618.1	701.1	3.49	4.00	3.25
L0007058 YES	0	0.26220E-06	496136.7	3759614.6	700.9	3.49	4.00	3.25
L0007059 YES	0	0.26220E-06	496144.5	3759611.1	700.8	3.49	4.00	3.25
L0007060 YES	0	0.26220E-06	496152.4	3759607.5	700.8	3.49	4.00	3.25
L0007061 YES	0	0.26220E-06	496160.2	3759604.0	700.9	3.49	4.00	3.25
L0007062 YES	0	0.26220E-06	496168.0	3759600.5	701.1	3.49	4.00	3.25
L0007063 YES	0	0.26220E-06	496175.9	3759597.0	701.2	3.49	4.00	3.25
L0007064 YES	0	0.26220E-06	496183.7	3759593.5	701.3	3.49	4.00	3.25
L0007065 YES	0	0.26220E-06	496191.6	3759589.9	701.2	3.49	4.00	3.25
L0007066 YES	0	0.26220E-06	496199.4	3759586.4	701.0	3.49	4.00	3.25
L0007067 YES	0	0.26220E-06	496207.2	3759582.9	701.0	3.49	4.00	3.25
L0007068 YES	0	0.26220E-06	496215.1	3759579.4	701.1	3.49	4.00	3.25
L0007069 YES	0	0.26220E-06	496222.9	3759575.9	701.4	3.49	4.00	3.25
L0007070 YES	0	0.26220E-06	496230.7	3759572.4	701.7	3.49	4.00	3.25
L0007071 YES	0	0.26220E-06	496238.6	3759568.8	701.9	3.49	4.00	3.25
L0007072 YES	0	0.26220E-06	496246.4	3759565.3	702.2	3.49	4.00	3.25
L0007073 YES	0	0.26220E-06	496254.2	3759561.8	702.5	3.49	4.00	3.25
L0007074 YES	0	0.26220E-06	496262.1	3759558.3	702.7	3.49	4.00	3.25
L0007075 YES	0	0.26220E-06	496269.9	3759554.8	703.0	3.49	4.00	3.25
L0007076 YES	0	0.26220E-06	496277.8	3759551.3	703.5	3.49	4.00	3.25
L0007077 YES	0	0.26220E-06	496285.6	3759547.7	704.0	3.49	4.00	3.25
L0007078 YES	0	0.26220E-06	496293.4	3759544.2	704.5	3.49	4.00	3.25
L0007079 YES	0	0.26220E-06	496301.3	3759540.7	705.0	3.49	4.00	3.25
L0007080 YES	0	0.26220E-06	496309.1	3759537.2	705.4	3.49	4.00	3.25
L0007081 YES	0	0.26220E-06	496316.9	3759533.7	705.7	3.49	4.00	3.25





L0007105	0	0.52090E-06	496020.9	3759456.2	694.8	3.49	4.00	3.25
YES								
L0007106	0	0.52090E-06	496028.7	3759452.7	694.6	3.49	4.00	3.25
YES								
L0007107	0	0.52090E-06	496036.5	3759449.1	694.5	3.49	4.00	3.25
YES								
L0007108	0	0.52090E-06	496044.3	3759445.6	694.5	3.49	4.00	3.25
YES								
L0007109	0	0.52090E-06	496052.2	3759442.0	694.3	3.49	4.00	3.25
YES								
L0007110	0	0.52090E-06	496060.0	3759438.5	694.1	3.49	4.00	3.25
YES								
L0007111	0	0.52090E-06	496067.8	3759434.9	694.2	3.49	4.00	3.25
YES								
L0007112	0	0.52090E-06	496075.6	3759431.4	694.4	3.49	4.00	3.25
YES								
L0007113	0	0.52090E-06	496083.5	3759427.8	694.5	3.49	4.00	3.25
YES								
L0007114	0	0.52090E-06	496091.3	3759424.3	694.6	3.49	4.00	3.25
YES								
L0007115	0	0.52090E-06	496099.1	3759420.8	694.6	3.49	4.00	3.25
YES								
L0007116	0	0.52090E-06	496106.9	3759417.2	694.7	3.49	4.00	3.25
YES								
L0007117	0	0.52090E-06	496114.8	3759413.7	694.9	3.49	4.00	3.25
YES								
L0007118	0	0.52090E-06	496122.6	3759410.1	695.1	3.49	4.00	3.25
YES								
L0007119	0	0.52090E-06	496130.4	3759406.6	695.3	3.49	4.00	3.25
YES								
L0007120	0	0.52090E-06	496138.2	3759403.0	695.5	3.49	4.00	3.25
YES								
L0007121	0	0.52090E-06	496146.1	3759399.5	695.6	3.49	4.00	3.25
YES								
L0007122	0	0.52090E-06	496153.9	3759395.9	695.8	3.49	4.00	3.25
YES								
L0007123	0	0.52090E-06	496161.7	3759392.4	695.9	3.49	4.00	3.25
YES								
L0007124	0	0.52090E-06	496169.5	3759388.9	696.1	3.49	4.00	3.25
YES								
L0007125	0	0.52090E-06	496177.4	3759385.3	696.2	3.49	4.00	3.25
YES								
L0007126	0	0.52090E-06	496185.2	3759381.8	696.5	3.49	4.00	3.25
YES								
L0007127	0	0.52090E-06	496193.0	3759378.2	696.9	3.49	4.00	3.25
YES								

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*** AERMOD - VERSION 22112 ***      *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK
VALLEY\13594 OPS\1359 ***          07/19/23
*** AERMET - VERSION 16216 ***
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\*\*\* MODELOPTs: RegDFault CONC ELEV URBAN ADJ\_U\*

\*\*\* VOLUME SOURCE DATA \*\*\*

SOURCE	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ
ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	
(METERS)		BY						

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L0004134	0	0.21760E-06	496180.4	3759174.9	695.0	3.49	6.51	3.25
YES								
L0004135	0	0.21760E-06	496191.2	3759166.0	695.0	3.49	6.51	3.25
YES								
L0004136	0	0.21760E-06	496202.0	3759157.2	695.0	3.49	6.51	3.25
YES								
L0004137	0	0.21760E-06	496212.9	3759148.3	695.0	3.49	6.51	3.25
YES								
L0004138	0	0.21760E-06	496223.4	3759139.1	695.0	3.49	6.51	3.25
YES								
L0004139	0	0.21760E-06	496233.8	3759129.7	695.0	3.49	6.51	3.25
YES								
L0004140	0	0.21760E-06	496244.2	3759120.3	695.0	3.49	6.51	3.25
YES								
L0004141	0	0.21760E-06	496254.6	3759110.9	695.0	3.49	6.51	3.25
YES								
L0004142	0	0.21760E-06	496265.0	3759101.5	695.0	3.49	6.51	3.25
YES								
L0004143	0	0.21760E-06	496275.3	3759092.1	695.0	3.49	6.51	3.25
YES								
L0004144	0	0.21760E-06	496285.7	3759082.8	695.0	3.49	6.51	3.25
YES								
L0004145	0	0.21760E-06	496296.1	3759073.4	695.0	3.49	6.51	3.25
YES								
L0004146	0	0.21760E-06	496306.5	3759064.0	695.0	3.49	6.51	3.25
YES								
L0004147	0	0.21760E-06	496316.9	3759054.6	695.0	3.49	6.51	3.25
YES								
L0004148	0	0.21760E-06	496327.2	3759045.2	695.0	3.49	6.51	3.25
YES								
L0004149	0	0.21760E-06	496337.6	3759035.8	695.3	3.49	6.51	3.25
YES								
L0004150	0	0.21760E-06	496348.0	3759026.4	695.3	3.49	6.51	3.25
YES								
L0004151	0	0.21760E-06	496358.4	3759017.0	695.1	3.49	6.51	3.25
YES								
L0004152	0	0.21760E-06	496368.7	3759007.6	695.5	3.49	6.51	3.25
YES								
L0004153	0	0.21760E-06	496379.1	3758998.2	695.8	3.49	6.51	3.25
YES								
L0004154	0	0.21760E-06	496389.5	3758988.7	695.9	3.49	6.51	3.25
YES								
L0004155	0	0.21760E-06	496399.8	3758979.3	696.7	3.49	6.51	3.25
YES								
L0004156	0	0.21760E-06	496410.2	3758969.9	697.6	3.49	6.51	3.25
YES								
L0004157	0	0.21760E-06	496420.5	3758960.5	698.6	3.49	6.51	3.25
YES								

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK VALLEY\13594 OPS\1359 \*\*\* 07/19/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* VOLUME SOURCE DATA \*\*\*

SOURCE	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ
ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)		BY						
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L0004213	0	0.90190E-08	497014.7	3758664.4	714.8	3.49	4.00	3.25
YES								
L0004214	0	0.90190E-08	497023.3	3758664.7	715.1	3.49	4.00	3.25
YES								
L0004215	0	0.90190E-08	497031.9	3758665.0	715.4	3.49	4.00	3.25
YES								
L0004216	0	0.90190E-08	497040.5	3758665.3	715.7	3.49	4.00	3.25
YES								
L0004217	0	0.90190E-08	497049.1	3758665.6	715.9	3.49	4.00	3.25
YES								
L0004218	0	0.90190E-08	497057.6	3758665.9	716.6	3.49	4.00	3.25
YES								
L0004219	0	0.90190E-08	497066.2	3758666.2	717.2	3.49	4.00	3.25
YES								
L0004220	0	0.90190E-08	497074.8	3758666.5	717.9	3.49	4.00	3.25
YES								
L0004221	0	0.90190E-08	497083.4	3758666.8	718.3	3.49	4.00	3.25
YES								
L0004222	0	0.90190E-08	497092.0	3758667.1	718.4	3.49	4.00	3.25
YES								
L0004223	0	0.90190E-08	497100.6	3758667.4	718.4	3.49	4.00	3.25
YES								
L0004224	0	0.90190E-08	497109.2	3758667.7	718.4	3.49	4.00	3.25
YES								
L0004225	0	0.90190E-08	497117.7	3758668.0	718.4	3.49	4.00	3.25
YES								
L0004226	0	0.90190E-08	497126.3	3758668.2	718.4	3.49	4.00	3.25
YES								
L0004227	0	0.90190E-08	497134.9	3758668.4	718.4	3.49	4.00	3.25
YES								
L0004228	0	0.90190E-08	497143.5	3758668.6	718.5	3.49	4.00	3.25
YES								
L0004229	0	0.90190E-08	497152.1	3758668.8	718.8	3.49	4.00	3.25
YES								
L0004230	0	0.90190E-08	497160.7	3758669.0	719.1	3.49	4.00	3.25
YES								
L0004231	0	0.90190E-08	497169.3	3758669.2	719.4	3.49	4.00	3.25
YES								
L0004232	0	0.90190E-08	497177.9	3758669.4	719.9	3.49	4.00	3.25
YES								
L0004233	0	0.90190E-08	497186.4	3758669.6	720.5	3.49	4.00	3.25
YES								
L0004234	0	0.90190E-08	497195.0	3758669.8	721.1	3.49	4.00	3.25
YES								
L0004235	0	0.12430E-06	496874.0	3758659.0	710.0	3.49	4.00	3.25
YES								
L0004236	0	0.12430E-06	496865.4	3758658.6	709.9	3.49	4.00	3.25
YES								
L0004237	0	0.12430E-06	496856.8	3758658.2	709.9	3.49	4.00	3.25
YES								

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK VALLEY\13594 OPS\1359 \*\*\* 07/19/23

\*\*\* AERMET - VERSION 16216 \*\*\*

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* VOLUME SOURCE DATA \*\*\*

SOURCE	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.	INIT.	
SOURCE	PART.	(GRAMS/SEC)		X	Y	ELEV.	HEIGHT	SY	SZ
ID	SCALAR	VARY	CATS.	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	







L0004292	0	0.14660E-07	496452.0	3758274.5	719.0	3.49	6.51	3.25
YES								
L0004293	0	0.14660E-07	496450.7	3758260.6	718.8	3.49	6.51	3.25
YES								
L0004294	0	0.14660E-07	496449.4	3758246.6	718.3	3.49	6.51	3.25
YES								
L0004295	0	0.51060E-06	495876.8	3759354.2	695.0	3.49	6.51	3.25
YES								
L0004296	0	0.51060E-06	495864.9	3759361.6	695.0	3.49	6.51	3.25
YES								
L0004297	0	0.51060E-06	495853.0	3759369.1	695.0	3.49	6.51	3.25
YES								
L0004298	0	0.51060E-06	495841.2	3759376.5	695.0	3.49	6.51	3.25
YES								
L0004299	0	0.51060E-06	495829.3	3759383.9	695.0	3.49	6.51	3.25
YES								
L0004300	0	0.51060E-06	495817.5	3759391.4	695.0	3.49	6.51	3.25
YES								
L0004301	0	0.51060E-06	495805.6	3759398.8	695.0	3.49	6.51	3.25
YES								
L0004302	0	0.51060E-06	495793.7	3759406.3	695.0	3.49	6.51	3.25
YES								
L0004303	0	0.51060E-06	495782.0	3759413.8	695.5	3.49	6.51	3.25
YES								
L0004304	0	0.51060E-06	495770.4	3759421.8	695.8	3.49	6.51	3.25
YES								
L0004305	0	0.51060E-06	495758.9	3759429.7	696.0	3.49	6.51	3.25
YES								
L0004306	0	0.51060E-06	495747.4	3759437.7	696.5	3.49	6.51	3.25
YES								
L0004307	0	0.51060E-06	495735.9	3759445.7	697.1	3.49	6.51	3.25
YES								
L0004308	0	0.51060E-06	495724.4	3759453.7	697.4	3.49	6.51	3.25
YES								
L0004309	0	0.51060E-06	495713.9	3759462.9	697.3	3.49	6.51	3.25
YES								
L0004310	0	0.51060E-06	495703.4	3759472.1	697.1	3.49	6.51	3.25
YES								
L0004311	0	0.51060E-06	495692.8	3759481.4	696.9	3.49	6.51	3.25
YES								
L0004312	0	0.51060E-06	495682.3	3759490.6	696.9	3.49	6.51	3.25
YES								
L0004313	0	0.51060E-06	495671.7	3759499.8	697.1	3.49	6.51	3.25
YES								
L0004314	0	0.51060E-06	495661.4	3759509.2	697.1	3.49	6.51	3.25
YES								
L0004315	0	0.51060E-06	495652.0	3759519.6	697.2	3.49	6.51	3.25
YES								
L0004316	0	0.51060E-06	495642.5	3759529.9	697.2	3.49	6.51	3.25
YES								
L0004317	0	0.51060E-06	495633.1	3759540.3	697.5	3.49	6.51	3.25
YES								

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK VALLEY\13594 OPS\1359 \*\*\* 07/19/23

\*\*\* AERMET - VERSION 16216 \*\*\*

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* VOLUME SOURCE DATA \*\*\*

SOURCE	NUMBER	EMISSION RATE	BASE	RELEASE	INIT.	INIT.		
	URBAN	EMISSION RATE						
	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ





L0004371	0	0.14500E-07	495973.5	3760079.6	716.3	3.49	6.51	3.25
YES								
L0004372	0	0.14500E-07	495982.7	3760090.1	716.1	3.49	6.51	3.25
YES								
L0004373	0	0.14500E-07	495992.0	3760100.6	715.7	3.49	6.51	3.25
YES								
L0004374	0	0.14500E-07	496001.2	3760111.1	715.5	3.49	6.51	3.25
YES								
L0004375	0	0.14500E-07	496010.5	3760121.6	716.2	3.49	6.51	3.25
YES								
L0004376	0	0.14500E-07	496019.8	3760132.1	716.8	3.49	6.51	3.25
YES								
L0004377	0	0.14500E-07	496029.0	3760142.6	717.5	3.49	6.51	3.25
YES								
L0004378	0	0.14500E-07	496038.3	3760153.0	718.2	3.49	6.51	3.25
YES								
L0004379	0	0.14500E-07	496047.6	3760163.5	718.6	3.49	6.51	3.25
YES								
L0004380	0	0.14500E-07	496056.8	3760174.0	718.9	3.49	6.51	3.25
YES								
L0004381	0	0.14500E-07	496066.1	3760184.5	719.2	3.49	6.51	3.25
YES								
L0004382	0	0.14500E-07	496075.4	3760195.0	719.3	3.49	6.51	3.25
YES								
L0004383	0	0.14500E-07	496084.7	3760205.4	719.3	3.49	6.51	3.25
YES								
L0004384	0	0.14500E-07	496094.0	3760215.9	719.4	3.49	6.51	3.25
YES								
L0004385	0	0.14500E-07	496103.2	3760226.5	721.0	3.49	6.51	3.25
YES								
L0004386	0	0.14500E-07	496112.4	3760237.0	722.3	3.49	6.51	3.25
YES								
L0004387	0	0.14500E-07	496121.6	3760247.6	723.2	3.49	6.51	3.25
YES								
L0004388	0	0.14500E-07	496130.8	3760258.1	724.9	3.49	6.51	3.25
YES								
L0004389	0	0.14500E-07	496140.0	3760268.7	726.6	3.49	6.51	3.25
YES								
L0004390	0	0.14500E-07	496149.2	3760279.2	728.0	3.49	6.51	3.25
YES								
L0004391	0	0.14500E-07	496158.4	3760289.8	728.1	3.49	6.51	3.25
YES								
L0004392	0	0.14500E-07	496167.6	3760300.3	728.5	3.49	6.51	3.25
YES								
L0004393	0	0.14500E-07	496176.8	3760310.9	729.1	3.49	6.51	3.25
YES								
L0004394	0	0.14500E-07	496186.0	3760321.4	729.7	3.49	6.51	3.25
YES								
L0004395	0	0.14500E-07	496195.2	3760332.0	730.3	3.49	6.51	3.25
YES								
L0004396	0	0.14500E-07	496204.4	3760342.5	730.8	3.49	6.51	3.25
YES								
L0004397	0	0.14500E-07	496213.7	3760353.0	731.0	3.49	6.51	3.25
YES								

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* VOLUME SOURCE DATA \*\*\*


NUMBER EMISSION RATE BASE RELEASE INIT. INIT.








L0004450	0	0.14500E-07	496636.7	3760956.3	788.3	3.49	6.51	3.25
YES								
L0004451	0	0.14500E-07	496641.6	3760969.4	789.7	3.49	6.51	3.25
YES								
L0004452	0	0.14500E-07	496646.3	3760982.6	787.3	3.49	6.51	3.25
YES								
L0004453	0	0.14500E-07	496650.9	3760995.8	785.1	3.49	6.51	3.25
YES								
L0004454	0	0.14500E-07	496655.6	3761009.1	780.6	3.49	6.51	3.25
YES								
L0004455	0	0.14500E-07	496660.2	3761022.3	776.4	3.49	6.51	3.25
YES								
L0004456	0	0.14500E-07	496664.8	3761035.5	771.4	3.49	6.51	3.25
YES								
L0004457	0	0.14500E-07	496669.5	3761048.7	766.1	3.49	6.51	3.25
YES								
L0004458	0	0.14500E-07	496673.6	3761062.0	763.4	3.49	6.51	3.25
YES								
L0007160	0	0.54910E-07	495631.4	3759873.0	703.6	3.49	6.51	3.25
YES								
L0007161	0	0.54910E-07	495644.7	3759877.2	703.6	3.49	6.51	3.25
YES								
L0007162	0	0.54910E-07	495658.1	3759881.4	703.4	3.49	6.51	3.25
YES								
L0007163	0	0.54910E-07	495671.4	3759885.6	703.0	3.49	6.51	3.25
YES								
L0007164	0	0.54910E-07	495684.8	3759889.8	703.6	3.49	6.51	3.25
YES								
L0007165	0	0.54910E-07	495698.1	3759894.1	704.2	3.49	6.51	3.25
YES								
L0007166	0	0.54910E-07	495711.0	3759899.5	704.6	3.49	6.51	3.25
YES								
L0007167	0	0.54910E-07	495724.0	3759904.9	704.9	3.49	6.51	3.25
YES								
L0007168	0	0.54910E-07	495736.9	3759910.2	705.2	3.49	6.51	3.25
YES								
L0007169	0	0.54910E-07	495749.8	3759915.6	705.6	3.49	6.51	3.25
YES								
L0007170	0	0.54910E-07	495762.8	3759920.9	706.0	3.49	6.51	3.25
YES								
L0007171	0	0.54910E-07	495775.7	3759926.3	706.2	3.49	6.51	3.25
YES								
L0007172	0	0.54910E-07	495788.7	3759931.6	706.5	3.49	6.51	3.25
YES								
L0007173	0	0.54910E-07	495800.7	3759938.8	707.1	3.49	6.51	3.25
YES								
L0007174	0	0.54910E-07	495812.5	3759946.3	707.7	3.49	6.51	3.25
YES								
L0007175	0	0.54910E-07	495824.3	3759953.7	708.2	3.49	6.51	3.25
YES								
L0007176	0	0.54910E-07	495836.2	3759961.2	708.5	3.49	6.51	3.25
YES								
L0007177	0	0.54910E-07	495848.0	3759968.7	708.8	3.49	6.51	3.25
YES								
L0007178	0	0.54910E-07	495859.8	3759976.2	709.0	3.49	6.51	3.25
YES								


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L0007230	0	0.54910E-07	496352.5	3760510.6	735.4	3.49	6.51	3.25
YES								
L0007231	0	0.54910E-07	496361.9	3760521.0	736.7	3.49	6.51	3.25
YES								
L0007232	0	0.54910E-07	496371.5	3760531.2	738.2	3.49	6.51	3.25
YES								
L0007233	0	0.54910E-07	496381.2	3760541.3	739.5	3.49	6.51	3.25
YES								
L0007234	0	0.54910E-07	496390.8	3760551.4	740.5	3.49	6.51	3.25
YES								
L0007235	0	0.54910E-07	496400.5	3760561.6	741.4	3.49	6.51	3.25
YES								
L0007236	0	0.54910E-07	496409.5	3760572.3	742.1	3.49	6.51	3.25
YES								
L0007237	0	0.54910E-07	496418.2	3760583.2	743.1	3.49	6.51	3.25
YES								
L0007238	0	0.54910E-07	496427.0	3760594.1	743.8	3.49	6.51	3.25
YES								
L0007239	0	0.54910E-07	496435.7	3760605.1	744.3	3.49	6.51	3.25
YES								
L0007240	0	0.54910E-07	496444.5	3760616.0	747.5	3.49	6.51	3.25
YES								
L0007241	0	0.54910E-07	496453.2	3760626.9	750.0	3.49	6.51	3.25
YES								
L0007242	0	0.54910E-07	496461.7	3760638.1	751.4	3.49	6.51	3.25
YES								
L0007243	0	0.54910E-07	496469.4	3760649.7	754.4	3.49	6.51	3.25
YES								
L0007244	0	0.54910E-07	496477.2	3760661.4	758.2	3.49	6.51	3.25
YES								
L0007245	0	0.54910E-07	496484.9	3760673.1	761.9	3.49	6.51	3.25
YES								
L0007246	0	0.54910E-07	496492.6	3760684.7	764.9	3.49	6.51	3.25
YES								
L0007247	0	0.54910E-07	496500.4	3760696.4	767.7	3.49	6.51	3.25
YES								
L0007248	0	0.54910E-07	496508.1	3760708.0	768.0	3.49	6.51	3.25
YES								
L0007249	0	0.54910E-07	496515.7	3760719.8	769.8	3.49	6.51	3.25
YES								
L0007250	0	0.54910E-07	496523.0	3760731.8	768.9	3.49	6.51	3.25
YES								
L0007251	0	0.54910E-07	496530.2	3760743.8	765.2	3.49	6.51	3.25
YES								
L0007252	0	0.54910E-07	496537.5	3760755.7	763.0	3.49	6.51	3.25
YES								
L0007253	0	0.54910E-07	496544.8	3760767.7	761.8	3.49	6.51	3.25
YES								
L0007254	0	0.54910E-07	496552.1	3760779.6	760.7	3.49	6.51	3.25
YES								
L0007255	0	0.54910E-07	496559.0	3760791.8	760.1	3.49	6.51	3.25
YES								
L0007256	0	0.54910E-07	496565.2	3760804.4	759.0	3.49	6.51	3.25
YES								
L0007257	0	0.54910E-07	496571.4	3760816.9	757.4	3.49	6.51	3.25
YES								
L0007258	0	0.54910E-07	496577.6	3760829.5	759.0	3.49	6.51	3.25
YES								


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L0007284	0	0.86040E-06	495520.3	3759851.6	702.8	3.49	6.51	3.25
YES								
L0007285	0	0.86040E-06	495506.5	3759849.7	702.8	3.49	6.51	3.25
YES								
L0007286	0	0.86040E-06	495492.6	3759847.8	702.7	3.49	6.51	3.25
YES								
L0007287	0	0.86040E-06	495478.7	3759845.8	702.7	3.49	6.51	3.25
YES								
L0007288	0	0.86040E-06	495464.9	3759843.9	702.6	3.49	6.51	3.25
YES								
L0007289	0	0.86040E-06	495451.0	3759842.0	701.9	3.49	6.51	3.25
YES								
L0007290	0	0.86040E-06	495437.1	3759840.1	700.9	3.49	6.51	3.25
YES								
L0007291	0	0.86040E-06	495423.3	3759838.2	700.4	3.49	6.51	3.25
YES								
L0007292	0	0.86040E-06	495409.4	3759836.3	700.3	3.49	6.51	3.25
YES								
L0007293	0	0.86040E-06	495395.5	3759834.4	699.9	3.49	6.51	3.25
YES								
L0007294	0	0.86040E-06	495381.6	3759832.5	699.0	3.49	6.51	3.25
YES								
L0007295	0	0.86040E-06	495367.8	3759830.6	698.1	3.49	6.51	3.25
YES								
L0007296	0	0.86040E-06	495353.9	3759828.7	698.0	3.49	6.51	3.25
YES								
L0007297	0	0.86040E-06	495340.0	3759826.8	698.0	3.49	6.51	3.25
YES								
L0007298	0	0.86040E-06	495326.2	3759824.9	697.5	3.49	6.51	3.25
YES								
L0007299	0	0.86040E-06	495312.3	3759823.0	697.1	3.49	6.51	3.25
YES								
L0007300	0	0.86040E-06	495298.4	3759821.1	696.6	3.49	6.51	3.25
YES								
L0007301	0	0.86040E-06	495284.6	3759819.2	696.1	3.49	6.51	3.25
YES								
L0004626	0	0.89110E-08	495621.3	3759885.6	704.0	3.49	4.00	3.25
YES								
L0004627	0	0.89110E-08	495619.1	3759893.9	704.1	3.49	4.00	3.25
YES								
L0004628	0	0.89110E-08	495617.0	3759902.2	704.3	3.49	4.00	3.25
YES								
L0004629	0	0.89110E-08	495612.4	3759909.1	704.7	3.49	4.00	3.25
YES								
L0004630	0	0.89110E-08	495606.2	3759915.0	705.0	3.49	4.00	3.25
YES								
L0004631	0	0.89110E-08	495600.3	3759921.3	705.0	3.49	4.00	3.25
YES								
L0004632	0	0.89110E-08	495594.5	3759927.6	705.2	3.49	4.00	3.25
YES								
L0004633	0	0.89110E-08	495588.6	3759933.8	705.7	3.49	4.00	3.25
YES								
L0004634	0	0.89110E-08	495581.6	3759938.7	706.4	3.49	4.00	3.25
YES								
L0004635	0	0.89110E-08	495574.1	3759942.7	706.8	3.49	4.00	3.25
YES								
L0004636	0	0.89110E-08	495566.5	3759946.8	707.0	3.49	4.00	3.25
YES								
L0004637	0	0.89110E-08	495558.9	3759950.8	707.0	3.49	4.00	3.25
YES								


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L0004687	0	0.89110E-08	495257.0	3760195.4	701.3	3.49	4.00	3.25
YES								
L0004688	0	0.89110E-08	495253.4	3760203.1	701.6	3.49	4.00	3.25
YES								
L0004689	0	0.89110E-08	495249.7	3760210.9	701.9	3.49	4.00	3.25
YES								
L0004690	0	0.89110E-08	495246.0	3760218.7	702.5	3.49	4.00	3.25
YES								
L0004691	0	0.89110E-08	495242.3	3760226.4	703.2	3.49	4.00	3.25
YES								
L0004692	0	0.89110E-08	495238.6	3760234.2	704.0	3.49	4.00	3.25
YES								
L0004693	0	0.89110E-08	495235.0	3760241.9	704.8	3.49	4.00	3.25
YES								
L0004694	0	0.89110E-08	495231.6	3760249.9	705.2	3.49	4.00	3.25
YES								
L0004695	0	0.89110E-08	495228.5	3760257.9	705.5	3.49	4.00	3.25
YES								
L0004696	0	0.89110E-08	495225.3	3760265.8	705.7	3.49	4.00	3.25
YES								
L0004697	0	0.89110E-08	495222.2	3760273.8	705.9	3.49	4.00	3.25
YES								
L0004698	0	0.89110E-08	495219.1	3760281.9	706.3	3.49	4.00	3.25
YES								
L0004699	0	0.89110E-08	495216.6	3760290.1	706.7	3.49	4.00	3.25
YES								
L0004700	0	0.89110E-08	495214.0	3760298.3	707.0	3.49	4.00	3.25
YES								
L0004701	0	0.89110E-08	495211.4	3760306.5	707.3	3.49	4.00	3.25
YES								
L0004702	0	0.89110E-08	495208.9	3760314.7	707.5	3.49	4.00	3.25
YES								
L0004703	0	0.89110E-08	495206.3	3760322.9	707.7	3.49	4.00	3.25
YES								
L0004704	0	0.89110E-08	495203.8	3760331.1	708.0	3.49	4.00	3.25
YES								
L0004705	0	0.89110E-08	495201.2	3760339.3	708.3	3.49	4.00	3.25
YES								
L0004706	0	0.89110E-08	495198.6	3760347.5	708.7	3.49	4.00	3.25
YES								
L0004707	0	0.89110E-08	495195.7	3760355.5	709.2	3.49	4.00	3.25
YES								
L0004708	0	0.89110E-08	495192.7	3760363.6	709.7	3.49	4.00	3.25
YES								
L0004709	0	0.89110E-08	495189.8	3760371.7	710.2	3.49	4.00	3.25
YES								
L0004710	0	0.89110E-08	495186.8	3760379.7	710.8	3.49	4.00	3.25
YES								
L0004711	0	0.89110E-08	495183.9	3760387.8	711.2	3.49	4.00	3.25
YES								
L0004712	0	0.89110E-08	495181.0	3760395.9	711.6	3.49	4.00	3.25
YES								
L0004713	0	0.89110E-08	495178.0	3760403.9	711.8	3.49	4.00	3.25
YES								
L0004714	0	0.89110E-08	495175.1	3760412.0	712.0	3.49	4.00	3.25
YES								
L0004715	0	0.89110E-08	495172.5	3760420.2	712.2	3.49	4.00	3.25
YES								
L0004716	0	0.89110E-08	495169.8	3760428.4	712.6	3.49	4.00	3.25
YES								
L0004717	0	0.89110E-08	495167.2	3760436.5	713.6	3.49	4.00	3.25
YES								

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L0004766	0	0.89110E-08	494977.9	3760810.8	719.7	3.49	4.00	3.25
YES								
L0004767	0	0.89110E-08	494973.9	3760818.4	719.7	3.49	4.00	3.25
YES								
L0004768	0	0.89110E-08	494969.8	3760826.0	719.4	3.49	4.00	3.25
YES								
L0004769	0	0.89110E-08	494965.8	3760833.6	719.2	3.49	4.00	3.25
YES								
L0004770	0	0.89110E-08	494961.8	3760841.2	719.1	3.49	4.00	3.25
YES								
L0004771	0	0.89110E-08	494957.8	3760848.8	718.6	3.49	4.00	3.25
YES								
L0004772	0	0.89110E-08	494953.8	3760856.4	717.3	3.49	4.00	3.25
YES								
L0004773	0	0.89110E-08	494949.8	3760864.0	716.0	3.49	4.00	3.25
YES								
L0004774	0	0.89110E-08	494945.9	3760871.6	714.3	3.49	4.00	3.25
YES								
L0004775	0	0.89110E-08	494941.9	3760879.3	712.9	3.49	4.00	3.25
YES								
L0004776	0	0.89110E-08	494938.0	3760886.9	712.0	3.49	4.00	3.25
YES								
L0004777	0	0.89110E-08	494934.1	3760894.5	711.2	3.49	4.00	3.25
YES								
L0004778	0	0.89110E-08	494930.2	3760902.2	710.5	3.49	4.00	3.25
YES								
L0004779	0	0.89110E-08	494926.5	3760909.9	710.2	3.49	4.00	3.25
YES								
L0004780	0	0.89110E-08	494922.7	3760917.7	710.1	3.49	4.00	3.25
YES								
L0004781	0	0.89110E-08	494919.0	3760925.4	709.9	3.49	4.00	3.25
YES								
L0004782	0	0.89110E-08	494915.4	3760933.2	709.8	3.49	4.00	3.25
YES								
L0004783	0	0.89110E-08	494911.8	3760941.0	709.8	3.49	4.00	3.25
YES								
L0004784	0	0.89110E-08	494908.3	3760948.8	709.8	3.49	4.00	3.25
YES								
L0004785	0	0.89110E-08	494904.7	3760956.7	709.8	3.49	4.00	3.25
YES								
L0004786	0	0.89110E-08	494901.3	3760964.6	710.0	3.49	4.00	3.25
YES								
L0004787	0	0.89110E-08	494897.9	3760972.4	710.0	3.49	4.00	3.25
YES								
L0004788	0	0.89110E-08	494894.5	3760980.3	710.1	3.49	4.00	3.25
YES								
L0004789	0	0.89110E-08	494891.1	3760988.2	710.0	3.49	4.00	3.25
YES								
L0004790	0	0.89110E-08	494887.7	3760996.1	710.0	3.49	4.00	3.25
YES								
L0004791	0	0.89110E-08	494884.3	3761004.0	710.2	3.49	4.00	3.25
YES								
L0004792	0	0.89110E-08	494880.9	3761011.9	710.4	3.49	4.00	3.25
YES								
L0004793	0	0.89110E-08	494877.9	3761019.9	710.5	3.49	4.00	3.25
YES								
L0004794	0	0.89110E-08	494875.0	3761028.0	710.6	3.49	4.00	3.25
YES								
L0004795	0	0.89110E-08	494872.0	3761036.1	711.0	3.49	4.00	3.25
YES								
L0004796	0	0.89110E-08	494869.1	3761044.1	711.5	3.49	4.00	3.25
YES								
L0004797	0	0.89110E-08	494866.2	3761052.2	711.9	3.49	4.00	3.25
YES								





L0004845 YES	0	0.89110E-08	494716.4	3761426.1	733.6	3.49	4.00	3.25
L0004846 YES	0	0.89110E-08	494713.3	3761434.1	733.4	3.49	4.00	3.25
L0004847 YES	0	0.89110E-08	494710.1	3761442.1	733.1	3.49	4.00	3.25
L0004848 YES	0	0.89110E-08	494707.0	3761450.1	732.9	3.49	4.00	3.25
L0004849 YES	0	0.89110E-08	494703.9	3761458.1	732.9	3.49	4.00	3.25
L0004850 YES	0	0.89110E-08	494700.7	3761466.1	732.9	3.49	4.00	3.25
L0004851 YES	0	0.89110E-08	494697.6	3761474.1	733.0	3.49	4.00	3.25
L0004852 YES	0	0.89110E-08	494694.4	3761482.1	733.0	3.49	4.00	3.25
L0004853 YES	0	0.89110E-08	494691.3	3761490.1	733.0	3.49	4.00	3.25
L0004854 YES	0	0.89110E-08	494688.1	3761498.1	733.0	3.49	4.00	3.25
L0004855 YES	0	0.89110E-08	494685.0	3761506.1	733.0	3.49	4.00	3.25
L0004856 YES	0	0.89110E-08	494681.8	3761514.0	733.0	3.49	4.00	3.25
L0004857 YES	0	0.89110E-08	494678.7	3761522.0	732.9	3.49	4.00	3.25
L0004858 YES	0	0.89110E-08	494675.5	3761530.0	732.8	3.49	4.00	3.25
L0004859 YES	0	0.89110E-08	494672.4	3761538.0	732.8	3.49	4.00	3.25
L0004860 YES	0	0.89110E-08	494669.2	3761546.0	732.8	3.49	4.00	3.25
L0004861 YES	0	0.89110E-08	494666.1	3761554.0	732.8	3.49	4.00	3.25
L0004862 YES	0	0.89110E-08	494662.9	3761562.0	732.9	3.49	4.00	3.25
L0004863 YES	0	0.89110E-08	494659.8	3761570.0	733.0	3.49	4.00	3.25
L0004864 YES	0	0.89110E-08	494656.6	3761578.0	733.1	3.49	4.00	3.25
L0004865 YES	0	0.89110E-08	494653.5	3761586.0	733.1	3.49	4.00	3.25
L0004866 YES	0	0.89110E-08	494650.3	3761593.9	733.0	3.49	4.00	3.25
L0004867 YES	0	0.89110E-08	494647.2	3761601.9	732.9	3.49	4.00	3.25
L0004868 YES	0	0.89110E-08	494644.0	3761609.9	732.9	3.49	4.00	3.25
L0004869 YES	0	0.89110E-08	494640.8	3761617.9	732.9	3.49	4.00	3.25
L0004870 YES	0	0.89110E-08	494637.6	3761625.9	733.0	3.49	4.00	3.25
L0004871 YES	0	0.89110E-08	494634.3	3761633.8	733.0	3.49	4.00	3.25
L0004872 YES	0	0.89110E-08	494631.1	3761641.8	733.0	3.49	4.00	3.25
L0004873 YES	0	0.89110E-08	494627.9	3761649.7	733.0	3.49	4.00	3.25
L0004874 YES	0	0.89110E-08	494624.7	3761657.7	733.0	3.49	4.00	3.25
L0004875 YES	0	0.89110E-08	494621.5	3761665.7	733.3	3.49	4.00	3.25
L0004876 YES	0	0.89110E-08	494618.3	3761673.6	733.5	3.49	4.00	3.25
L0004877 YES	0	0.89110E-08	494615.0	3761681.6	733.7	3.49	4.00	3.25





L0007320	0	0.33730E-07	495503.8	3759974.9	707.0	3.49	4.00	3.25
YES								
L0007321	0	0.33730E-07	495495.6	3759977.0	707.1	3.49	4.00	3.25
YES								
L0007322	0	0.33730E-07	495487.1	3759978.3	707.3	3.49	4.00	3.25
YES								
L0007323	0	0.33730E-07	495478.6	3759979.6	707.6	3.49	4.00	3.25
YES								
L0007324	0	0.33730E-07	495470.1	3759980.8	707.9	3.49	4.00	3.25
YES								
L0007325	0	0.33730E-07	495461.6	3759982.1	708.2	3.49	4.00	3.25
YES								
L0007326	0	0.33730E-07	495453.1	3759982.5	707.9	3.49	4.00	3.25
YES								
L0007327	0	0.33730E-07	495444.5	3759982.0	707.6	3.49	4.00	3.25
YES								
L0007328	0	0.33730E-07	495435.9	3759981.4	707.2	3.49	4.00	3.25
YES								
L0007329	0	0.33730E-07	495427.3	3759981.9	707.0	3.49	4.00	3.25
YES								
L0007330	0	0.33730E-07	495418.8	3759982.4	707.0	3.49	4.00	3.25
YES								
L0007331	0	0.33730E-07	495410.2	3759983.0	707.0	3.49	4.00	3.25
YES								
L0007332	0	0.33730E-07	495401.8	3759984.6	707.0	3.49	4.00	3.25
YES								
L0007333	0	0.33730E-07	495393.4	3759986.3	706.6	3.49	4.00	3.25
YES								
L0007334	0	0.33730E-07	495384.9	3759987.9	706.2	3.49	4.00	3.25
YES								
L0007335	0	0.33730E-07	495377.0	3759990.9	705.8	3.49	4.00	3.25
YES								
L0007336	0	0.33730E-07	495369.8	3759995.6	705.6	3.49	4.00	3.25
YES								

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* VOLUME SOURCE DATA \*\*\*

SOURCE	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION	RATE		ELEV.	HEIGHT	SY	SZ
ID	PART.	(GRAMS/SEC)		X	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	SCALAR		BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
	VARY							
	CATS.							

L0007337	0	0.33730E-07	495362.7	3760000.3	705.0	3.49	4.00	3.25
YES								
L0007338	0	0.33730E-07	495356.5	3760006.2	704.6	3.49	4.00	3.25
YES								
L0007339	0	0.33730E-07	495350.7	3760012.6	703.5	3.49	4.00	3.25
YES								
L0007340	0	0.33730E-07	495344.9	3760018.9	702.5	3.49	4.00	3.25
YES								
L0007341	0	0.33730E-07	495339.9	3760025.8	701.7	3.49	4.00	3.25
YES								
L0007342	0	0.33730E-07	495335.5	3760033.2	701.0	3.49	4.00	3.25
YES								

L0007343 YES	0	0.33730E-07	495331.1	3760040.6	700.8	3.49	4.00	3.25
L0007344 YES	0	0.33730E-07	495326.8	3760048.0	700.8	3.49	4.00	3.25
L0007345 YES	0	0.33730E-07	495322.4	3760055.4	700.7	3.49	4.00	3.25
L0007346 YES	0	0.33730E-07	495318.0	3760062.8	700.5	3.49	4.00	3.25
L0007347 YES	0	0.33730E-07	495313.6	3760070.2	700.3	3.49	4.00	3.25
L0007348 YES	0	0.33730E-07	495310.2	3760078.1	700.4	3.49	4.00	3.25
L0007349 YES	0	0.33730E-07	495306.9	3760086.0	700.5	3.49	4.00	3.25
L0007350 YES	0	0.33730E-07	495303.6	3760093.9	700.5	3.49	4.00	3.25
L0007351 YES	0	0.33730E-07	495300.2	3760101.8	700.7	3.49	4.00	3.25
L0007352 YES	0	0.33730E-07	495296.9	3760109.7	701.0	3.49	4.00	3.25
L0007353 YES	0	0.33730E-07	495293.5	3760117.6	701.3	3.49	4.00	3.25
L0007354 YES	0	0.33730E-07	495290.2	3760125.5	701.6	3.49	4.00	3.25
L0007355 YES	0	0.33730E-07	495286.5	3760133.3	701.1	3.49	4.00	3.25
L0007356 YES	0	0.33730E-07	495282.8	3760141.1	700.6	3.49	4.00	3.25
L0007357 YES	0	0.33730E-07	495279.1	3760148.8	700.2	3.49	4.00	3.25
L0007358 YES	0	0.33730E-07	495275.5	3760156.6	699.8	3.49	4.00	3.25
L0007359 YES	0	0.33730E-07	495271.8	3760164.3	700.1	3.49	4.00	3.25
L0007360 YES	0	0.33730E-07	495268.1	3760172.1	700.3	3.49	4.00	3.25
L0007361 YES	0	0.33730E-07	495264.4	3760179.9	700.7	3.49	4.00	3.25
L0007362 YES	0	0.33730E-07	495260.7	3760187.6	701.0	3.49	4.00	3.25
L0007363 YES	0	0.33730E-07	495257.0	3760195.4	701.3	3.49	4.00	3.25
L0007364 YES	0	0.33730E-07	495253.4	3760203.1	701.6	3.49	4.00	3.25
L0007365 YES	0	0.33730E-07	495249.7	3760210.9	701.9	3.49	4.00	3.25
L0007366 YES	0	0.33730E-07	495246.0	3760218.7	702.5	3.49	4.00	3.25
L0007367 YES	0	0.33730E-07	495242.3	3760226.4	703.2	3.49	4.00	3.25
L0007368 YES	0	0.33730E-07	495238.6	3760234.2	704.0	3.49	4.00	3.25
L0007369 YES	0	0.33730E-07	495235.0	3760241.9	704.8	3.49	4.00	3.25
L0007370 YES	0	0.33730E-07	495231.6	3760249.9	705.2	3.49	4.00	3.25
L0007371 YES	0	0.33730E-07	495228.5	3760257.9	705.5	3.49	4.00	3.25
L0007372 YES	0	0.33730E-07	495225.3	3760265.8	705.7	3.49	4.00	3.25
L0007373 YES	0	0.33730E-07	495222.2	3760273.8	705.9	3.49	4.00	3.25
L0007374 YES	0	0.33730E-07	495219.1	3760281.9	706.3	3.49	4.00	3.25
L0007375 YES	0	0.33730E-07	495216.6	3760290.1	706.7	3.49	4.00	3.25









L0007478	0	0.33730E-07	494851.5	3761092.6	714.4	3.49	4.00	3.25
YES								
L0007479	0	0.33730E-07	494848.6	3761100.7	715.0	3.49	4.00	3.25
YES								
L0007480	0	0.33730E-07	494845.6	3761108.7	715.5	3.49	4.00	3.25
YES								
L0007481	0	0.33730E-07	494842.7	3761116.8	716.0	3.49	4.00	3.25
YES								
L0007482	0	0.33730E-07	494839.6	3761124.8	716.1	3.49	4.00	3.25
YES								
L0007483	0	0.33730E-07	494836.3	3761132.7	716.1	3.49	4.00	3.25
YES								
L0007484	0	0.33730E-07	494833.0	3761140.7	716.1	3.49	4.00	3.25
YES								
L0007485	0	0.33730E-07	494829.7	3761148.6	716.1	3.49	4.00	3.25
YES								
L0007486	0	0.33730E-07	494826.4	3761156.5	716.6	3.49	4.00	3.25
YES								
L0007487	0	0.33730E-07	494823.1	3761164.4	717.1	3.49	4.00	3.25
YES								
L0007488	0	0.33730E-07	494819.8	3761172.4	717.6	3.49	4.00	3.25
YES								
L0007489	0	0.33730E-07	494816.4	3761180.3	717.9	3.49	4.00	3.25
YES								
L0007490	0	0.33730E-07	494812.0	3761187.6	718.2	3.49	4.00	3.25
YES								
L0007491	0	0.33730E-07	494807.3	3761194.8	718.5	3.49	4.00	3.25
YES								
L0007492	0	0.33730E-07	494802.6	3761202.0	718.8	3.49	4.00	3.25
YES								
L0007493	0	0.33730E-07	494797.3	3761208.6	719.2	3.49	4.00	3.25
YES								
L0007494	0	0.33730E-07	494790.0	3761213.2	719.8	3.49	4.00	3.25
YES								
L0007495	0	0.33730E-07	494782.8	3761217.8	720.4	3.49	4.00	3.25
YES								
L0007496	0	0.33730E-07	494775.3	3761222.1	721.1	3.49	4.00	3.25
YES								

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* VOLUME SOURCE DATA \*\*\*

SOURCE	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION RATE			ELEV.	HEIGHT	SY	SZ
ID	PART.	(GRAMS/SEC)	X	Y	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	SCALAR VARY							
	CATS.	BY						

L0007497	0	0.33730E-07	494771.5	3761228.8	721.6	3.49	4.00	3.25
YES								
L0007498	0	0.33730E-07	494770.5	3761237.3	722.0	3.49	4.00	3.25
YES								
L0007499	0	0.33730E-07	494769.6	3761245.9	722.1	3.49	4.00	3.25
YES								
L0007500	0	0.33730E-07	494768.6	3761254.4	722.1	3.49	4.00	3.25
YES								





L0007534	0	0.33730E-07	494675.5	3761530.0	732.8	3.49	4.00	3.25
YES								
L0007535	0	0.33730E-07	494672.4	3761538.0	732.8	3.49	4.00	3.25
YES								
L0007536	0	0.33730E-07	494669.2	3761546.0	732.8	3.49	4.00	3.25
YES								

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* VOLUME SOURCE DATA \*\*\*

SOURCE	NUMBER	EMISSION	RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION	RATE			ELEV.	HEIGHT	SY	SZ
ID	PART.	(GRAMS/SEC)		X	Y	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	CATS.	BY		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)

L0007537	0	0.33730E-07	494666.1	3761554.0	732.8	3.49	4.00	3.25
YES								
L0007538	0	0.33730E-07	494662.9	3761562.0	732.9	3.49	4.00	3.25
YES								
L0007539	0	0.33730E-07	494659.8	3761570.0	733.0	3.49	4.00	3.25
YES								
L0007540	0	0.33730E-07	494656.6	3761578.0	733.1	3.49	4.00	3.25
YES								
L0007541	0	0.33730E-07	494653.5	3761586.0	733.1	3.49	4.00	3.25
YES								
L0007542	0	0.33730E-07	494650.3	3761593.9	733.0	3.49	4.00	3.25
YES								
L0007543	0	0.33730E-07	494647.2	3761601.9	732.9	3.49	4.00	3.25
YES								
L0007544	0	0.33730E-07	494644.0	3761609.9	732.9	3.49	4.00	3.25
YES								
L0007545	0	0.33730E-07	494640.8	3761617.9	732.9	3.49	4.00	3.25
YES								
L0007546	0	0.33730E-07	494637.6	3761625.9	733.0	3.49	4.00	3.25
YES								
L0007547	0	0.33730E-07	494634.3	3761633.8	733.0	3.49	4.00	3.25
YES								
L0007548	0	0.33730E-07	494631.1	3761641.8	733.0	3.49	4.00	3.25
YES								
L0007549	0	0.33730E-07	494627.9	3761649.7	733.0	3.49	4.00	3.25
YES								
L0007550	0	0.33730E-07	494624.7	3761657.7	733.0	3.49	4.00	3.25
YES								
L0007551	0	0.33730E-07	494621.5	3761665.7	733.3	3.49	4.00	3.25
YES								
L0007552	0	0.33730E-07	494618.3	3761673.6	733.5	3.49	4.00	3.25
YES								
L0007553	0	0.33730E-07	494615.0	3761681.6	733.7	3.49	4.00	3.25
YES								
L0007554	0	0.33730E-07	494611.8	3761689.6	733.8	3.49	4.00	3.25
YES								
L0007555	0	0.33730E-07	494608.6	3761697.5	733.8	3.49	4.00	3.25
YES								
L0007556	0	0.33730E-07	494605.4	3761705.5	733.8	3.49	4.00	3.25
YES								

L0007557	0	0.33730E-07	494602.2	3761713.5	733.9	3.49	4.00	3.25
YES								
L0007558	0	0.33730E-07	494598.9	3761721.4	734.2	3.49	4.00	3.25
YES								
L0007559	0	0.41020E-06	496205.4	3759154.9	695.0	3.49	6.51	3.25
YES								
L0007560	0	0.41020E-06	496216.0	3759145.7	695.0	3.49	6.51	3.25
YES								
L0007561	0	0.41020E-06	496226.5	3759136.6	695.0	3.49	6.51	3.25
YES								
L0007562	0	0.41020E-06	496237.1	3759127.4	695.0	3.49	6.51	3.25
YES								
L0007563	0	0.41020E-06	496247.7	3759118.3	695.0	3.49	6.51	3.25
YES								
L0007564	0	0.41020E-06	496258.3	3759109.1	695.0	3.49	6.51	3.25
YES								
L0007565	0	0.41020E-06	496268.9	3759100.0	695.0	3.49	6.51	3.25
YES								
L0007566	0	0.41020E-06	496279.5	3759090.8	695.0	3.49	6.51	3.25
YES								
L0007567	0	0.41020E-06	496289.6	3759081.1	695.0	3.49	6.51	3.25
YES								
L0007568	0	0.41020E-06	496299.7	3759071.4	695.0	3.49	6.51	3.25
YES								
L0007569	0	0.41020E-06	496309.8	3759061.7	695.0	3.49	6.51	3.25
YES								
L0007570	0	0.41020E-06	496319.9	3759052.0	695.0	3.49	6.51	3.25
YES								
L0007571	0	0.41020E-06	496330.0	3759042.3	695.1	3.49	6.51	3.25
YES								
L0007572	0	0.41020E-06	496340.1	3759032.6	695.3	3.49	6.51	3.25
YES								
L0007573	0	0.41020E-06	496350.2	3759022.9	695.3	3.49	6.51	3.25
YES								
L0007574	0	0.41020E-06	496360.3	3759013.2	695.2	3.49	6.51	3.25
YES								
L0007575	0	0.41020E-06	496370.4	3759003.5	695.7	3.49	6.51	3.25
YES								
L0007576	0	0.41020E-06	496380.8	3758994.2	696.0	3.49	6.51	3.25
YES								

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* VOLUME SOURCE DATA \*\*\*

SOURCE	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION RATE			ELEV.	HEIGHT	SY	SZ
ID	PART.	(GRAMS/SEC)	X	Y	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	SCALAR VARY							
	ID	CATS.						
			(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	
		BY						

L0007577	0	0.41020E-06	496391.3	3758985.0	696.1	3.49	6.51	3.25
YES								
L0007578	0	0.41020E-06	496401.9	3758975.7	697.0	3.49	6.51	3.25
YES								
L0007579	0	0.41020E-06	496412.4	3758966.5	698.0	3.49	6.51	3.25
YES								

L0007580 YES	0	0.41020E-06	496422.9	3758957.3	698.8	3.49	6.51	3.25
L0007581 YES	0	0.41020E-06	496433.5	3758948.1	698.9	3.49	6.51	3.25
L0007582 YES	0	0.41020E-06	496444.0	3758938.8	699.2	3.49	6.51	3.25
L0007583 YES	0	0.41020E-06	496454.5	3758929.6	699.9	3.49	6.51	3.25
L0007584 YES	0	0.41020E-06	496465.1	3758920.4	700.9	3.49	6.51	3.25
L0007585 YES	0	0.41020E-06	496475.6	3758911.2	701.5	3.49	6.51	3.25
L0007586 YES	0	0.41020E-06	496486.1	3758901.9	701.8	3.49	6.51	3.25
L0007587 YES	0	0.41020E-06	496496.8	3758892.9	702.3	3.49	6.51	3.25
L0007588 YES	0	0.41020E-06	496507.5	3758883.9	702.9	3.49	6.51	3.25
L0007589 YES	0	0.41020E-06	496518.2	3758874.9	703.5	3.49	6.51	3.25
L0007590 YES	0	0.41020E-06	496529.0	3758865.9	704.0	3.49	6.51	3.25
L0007591 YES	0	0.41020E-06	496539.7	3758856.9	704.6	3.49	6.51	3.25
L0007592 YES	0	0.41020E-06	496550.7	3758848.2	704.8	3.49	6.51	3.25
L0007593 YES	0	0.41020E-06	496562.0	3758840.0	705.0	3.49	6.51	3.25
L0007594 YES	0	0.41020E-06	496573.3	3758831.8	705.0	3.49	6.51	3.25
L0007595 YES	0	0.41020E-06	496584.6	3758823.5	704.9	3.49	6.51	3.25
L0007596 YES	0	0.41020E-06	496596.4	3758815.9	704.8	3.49	6.51	3.25
L0007597 YES	0	0.41020E-06	496608.3	3758808.5	704.9	3.49	6.51	3.25
L0007598 YES	0	0.41020E-06	496620.3	3758801.4	705.2	3.49	6.51	3.25
L0007599 YES	0	0.41020E-06	496632.9	3758795.2	705.3	3.49	6.51	3.25
L0007600 YES	0	0.41020E-06	496645.4	3758789.0	705.3	3.49	6.51	3.25
L0007601 YES	0	0.41020E-06	496658.2	3758783.4	705.1	3.49	6.51	3.25
L0007602 YES	0	0.41020E-06	496671.5	3758779.0	705.0	3.49	6.51	3.25
L0007603 YES	0	0.41020E-06	496684.8	3758774.7	705.1	3.49	6.51	3.25
L0007604 YES	0	0.41020E-06	496698.1	3758770.4	705.4	3.49	6.51	3.25
L0007605 YES	0	0.41020E-06	496711.5	3758766.0	705.8	3.49	6.51	3.25
L0007606 YES	0	0.41020E-06	496724.8	3758761.9	706.0	3.49	6.51	3.25
L0007607 YES	0	0.41020E-06	496738.5	3758758.7	706.0	3.49	6.51	3.25
L0007608 YES	0	0.41020E-06	496752.1	3758755.5	706.0	3.49	6.51	3.25
L0007609 YES	0	0.41020E-06	496765.7	3758752.2	706.1	3.49	6.51	3.25
L0007610 YES	0	0.41020E-06	496779.3	3758749.0	706.1	3.49	6.51	3.25
L0007611 YES	0	0.41020E-06	496793.0	3758745.8	706.4	3.49	6.51	3.25
L0007612 YES	0	0.41020E-06	496806.5	3758742.2	706.9	3.49	6.51	3.25



L0007636	0	0.33730E-07	497013.9	3758664.1	714.8	3.49	4.00	3.25
YES								
L0007637	0	0.33730E-07	497022.4	3758664.4	715.1	3.49	4.00	3.25
YES								
L0007638	0	0.33730E-07	497031.0	3758664.6	715.3	3.49	4.00	3.25
YES								
L0007639	0	0.33730E-07	497039.6	3758664.9	715.6	3.49	4.00	3.25
YES								
L0007640	0	0.33730E-07	497048.2	3758665.2	715.9	3.49	4.00	3.25
YES								
L0007641	0	0.33730E-07	497056.8	3758665.4	716.5	3.49	4.00	3.25
YES								
L0007642	0	0.33730E-07	497065.4	3758665.7	717.1	3.49	4.00	3.25
YES								
L0007643	0	0.33730E-07	497074.0	3758666.0	717.8	3.49	4.00	3.25
YES								
L0007644	0	0.33730E-07	497082.5	3758666.2	718.3	3.49	4.00	3.25
YES								
L0007645	0	0.33730E-07	497091.1	3758666.5	718.3	3.49	4.00	3.25
YES								
L0007646	0	0.33730E-07	497099.7	3758666.8	718.3	3.49	4.00	3.25
YES								
L0007647	0	0.33730E-07	497108.3	3758667.1	718.4	3.49	4.00	3.25
YES								
L0007648	0	0.33730E-07	497116.9	3758667.3	718.4	3.49	4.00	3.25
YES								
L0007649	0	0.33730E-07	497125.5	3758667.6	718.4	3.49	4.00	3.25
YES								
L0007650	0	0.33730E-07	497134.1	3758667.9	718.4	3.49	4.00	3.25
YES								
L0007651	0	0.33730E-07	497142.6	3758668.1	718.5	3.49	4.00	3.25
YES								
L0007652	0	0.33730E-07	497151.2	3758668.4	718.8	3.49	4.00	3.25
YES								
L0007653	0	0.33730E-07	497159.8	3758668.7	719.1	3.49	4.00	3.25
YES								
L0007654	0	0.33730E-07	497168.4	3758668.9	719.4	3.49	4.00	3.25
YES								
L0007655	0	0.33730E-07	497177.0	3758669.2	719.9	3.49	4.00	3.25
YES								
L0007656	0	0.33730E-07	497185.6	3758669.5	720.4	3.49	4.00	3.25
YES								

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* VOLUME SOURCE DATA \*\*\*

SOURCE	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION RATE			ELEV.	HEIGHT	SY	SZ
ID	PART.	(GRAMS/SEC)	X	Y	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	SCALAR VARY	CATS.	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
		BY						

L0007657	0	0.33730E-07	497194.2	3758669.7	721.0	3.49	4.00	3.25
YES								
L0007658	0	0.21810E-06	496872.4	3758658.5	710.0	3.49	4.00	3.25
YES								







L0007715	0	0.54900E-07	496451.6	3758273.1	719.0	3.49	6.51	3.25
YES								
L0007716	0	0.54900E-07	496450.3	3758259.2	718.8	3.49	6.51	3.25
YES								
L0007717	0	0.54900E-07	496448.9	3758245.2	718.3	3.49	6.51	3.25
YES								
L0007718	0	0.20900E-06	496195.3	3759163.8	695.0	3.49	6.51	3.25
YES								
L0007719	0	0.20900E-06	496184.2	3759172.4	695.0	3.49	6.51	3.25
YES								
L0007720	0	0.20900E-06	496173.1	3759181.0	695.0	3.49	6.51	3.25
YES								
L0007721	0	0.20900E-06	496162.1	3759189.5	695.0	3.49	6.51	3.25
YES								
L0007722	0	0.20900E-06	496150.9	3759198.0	695.0	3.49	6.51	3.25
YES								
L0007723	0	0.20900E-06	496139.8	3759206.5	695.0	3.49	6.51	3.25
YES								
L0007724	0	0.20900E-06	496128.3	3759214.5	695.0	3.49	6.51	3.25
YES								
L0007725	0	0.20900E-06	496116.6	3759222.3	695.0	3.49	6.51	3.25
YES								
L0007726	0	0.20900E-06	496104.8	3759229.7	695.0	3.49	6.51	3.25
YES								
L0007727	0	0.20900E-06	496092.7	3759236.7	695.0	3.49	6.51	3.25
YES								
L0007728	0	0.20900E-06	496080.6	3759243.8	695.0	3.49	6.51	3.25
YES								
L0007729	0	0.20900E-06	496068.5	3759250.8	695.0	3.49	6.51	3.25
YES								
L0007730	0	0.20900E-06	496056.2	3759257.5	695.0	3.49	6.51	3.25
YES								
L0007731	0	0.20900E-06	496043.8	3759264.0	694.7	3.49	6.51	3.25
YES								
L0007732	0	0.20900E-06	496031.4	3759270.6	694.5	3.49	6.51	3.25
YES								
L0007733	0	0.20900E-06	496019.1	3759277.2	694.3	3.49	6.51	3.25
YES								
L0007734	0	0.20900E-06	496006.8	3759283.8	694.1	3.49	6.51	3.25
YES								
L0007735	0	0.20900E-06	495994.5	3759290.5	694.0	3.49	6.51	3.25
YES								
L0007736	0	0.20900E-06	495982.2	3759297.2	694.0	3.49	6.51	3.25
YES								

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\*\*\* MODELOPTs: RegDFault CONC ELEV URBAN ADJ\_U\*

\*\*\* VOLUME SOURCE DATA \*\*\*

SOURCE	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION RATE			ELEV.	HEIGHT	SY	SZ
ID	PART.	(GRAMS/SEC)	X	Y	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	SCALAR VARY	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
	CATS.							

L0007737	0	0.20900E-06	495969.9	3759303.9	694.0	3.49	6.51	3.25
YES								

L0007738 YES	0	0.20900E-06	495957.5	3759310.6	694.3	3.49	6.51	3.25
L0007739 YES	0	0.20900E-06	495945.2	3759317.2	694.8	3.49	6.51	3.25
L0007740 YES	0	0.20900E-06	495932.9	3759323.9	694.8	3.49	6.51	3.25
L0007741 YES	0	0.20900E-06	495920.6	3759330.5	694.8	3.49	6.51	3.25
L0007742 YES	0	0.20900E-06	495908.2	3759337.1	695.0	3.49	6.51	3.25
L0007743 YES	0	0.20900E-06	495895.9	3759343.7	695.0	3.49	6.51	3.25
L0007744 YES	0	0.46820E-06	495878.6	3759353.8	695.0	3.49	6.51	3.25
L0007745 YES	0	0.46820E-06	495866.6	3759361.0	695.0	3.49	6.51	3.25
L0007746 YES	0	0.46820E-06	495854.7	3759368.5	695.0	3.49	6.51	3.25
L0007747 YES	0	0.46820E-06	495842.9	3759375.9	695.0	3.49	6.51	3.25
L0007748 YES	0	0.46820E-06	495831.0	3759383.4	695.0	3.49	6.51	3.25
L0007749 YES	0	0.46820E-06	495819.2	3759390.9	695.0	3.49	6.51	3.25
L0007750 YES	0	0.46820E-06	495807.4	3759398.5	695.0	3.49	6.51	3.25
L0007751 YES	0	0.46820E-06	495795.6	3759406.0	695.0	3.49	6.51	3.25
L0007752 YES	0	0.46820E-06	495783.8	3759413.5	695.4	3.49	6.51	3.25
L0007753 YES	0	0.46820E-06	495772.1	3759421.2	695.8	3.49	6.51	3.25
L0007754 YES	0	0.46820E-06	495760.4	3759428.9	696.0	3.49	6.51	3.25
L0007755 YES	0	0.95720E-06	495750.6	3759436.4	696.3	3.49	6.51	3.25
L0007756 YES	0	0.95720E-06	495739.2	3759444.6	697.0	3.49	6.51	3.25
L0007757 YES	0	0.95720E-06	495727.9	3759452.8	697.5	3.49	6.51	3.25
L0007758 YES	0	0.95720E-06	495716.9	3759461.5	697.4	3.49	6.51	3.25
L0007759 YES	0	0.95720E-06	495706.1	3759470.4	697.2	3.49	6.51	3.25
L0007760 YES	0	0.95720E-06	495695.2	3759479.2	696.9	3.49	6.51	3.25
L0007761 YES	0	0.95720E-06	495684.5	3759488.3	696.9	3.49	6.51	3.25
L0007762 YES	0	0.95720E-06	495674.0	3759497.5	697.0	3.49	6.51	3.25
L0007763 YES	0	0.95720E-06	495663.5	3759506.7	697.1	3.49	6.51	3.25
L0007764 YES	0	0.95720E-06	495654.0	3759517.0	697.1	3.49	6.51	3.25
L0007765 YES	0	0.95720E-06	495644.6	3759527.4	697.2	3.49	6.51	3.25
L0007766 YES	0	0.95720E-06	495635.6	3759538.1	697.4	3.49	6.51	3.25
L0007767 YES	0	0.95720E-06	495626.8	3759549.0	697.8	3.49	6.51	3.25
L0007768 YES	0	0.95720E-06	495618.4	3759560.2	698.0	3.49	6.51	3.25
L0007769 YES	0	0.95720E-06	495610.6	3759571.7	698.0	3.49	6.51	3.25
L0007770 YES	0	0.95720E-06	495605.5	3759584.8	698.0	3.49	6.51	3.25

L0007771 YES	0	0.95720E-06	495600.4	3759597.8	698.3	3.49	6.51	3.25
L0007772 YES	0	0.95720E-06	495595.5	3759610.9	698.4	3.49	6.51	3.25
L0007773 YES	0	0.95720E-06	495591.9	3759624.4	698.5	3.49	6.51	3.25
L0007774 YES	0	0.95720E-06	495588.9	3759638.1	698.8	3.49	6.51	3.25
L0007775 YES	0	0.95720E-06	495586.3	3759651.8	699.0	3.49	6.51	3.25
L0007776 YES	0	0.95720E-06	495584.8	3759665.7	699.1	3.49	6.51	3.25

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 VALLEY\13594 OPS\1359 \*\*\* 07/19/23  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* VOLUME SOURCE DATA \*\*\*

SOURCE SOURCE ID (METERS)	PART. SCALAR VARY CATS.	NUMBER EMISSION RATE (GRAMS/SEC) BY	X (METERS)	Y (METERS)	BASE	RELEASE	INIT.	INIT.
					ELEV. (METERS)	HEIGHT (METERS)	SY (METERS)	SZ
L0007777 YES	0	0.95720E-06	495587.4	3759679.4	699.3	3.49	6.51	3.25
L0007778 YES	0	0.95720E-06	495590.4	3759693.1	699.7	3.49	6.51	3.25
L0007779 YES	0	0.95720E-06	495593.8	3759706.7	700.0	3.49	6.51	3.25
L0007780 YES	0	0.95720E-06	495599.2	3759719.6	700.3	3.49	6.51	3.25
L0007781 YES	0	0.95720E-06	495604.5	3759732.6	700.7	3.49	6.51	3.25
L0007782 YES	0	0.95720E-06	495609.8	3759745.5	701.0	3.49	6.51	3.25
L0007783 YES	0	0.95720E-06	495615.1	3759758.5	701.1	3.49	6.51	3.25
L0007784 YES	0	0.95720E-06	495621.5	3759770.9	701.5	3.49	6.51	3.25
L0007785 YES	0	0.95720E-06	495625.4	3759784.3	701.8	3.49	6.51	3.25
L0007786 YES	0	0.95720E-06	495628.7	3759797.9	702.1	3.49	6.51	3.25
L0007787 YES	0	0.95720E-06	495632.1	3759811.5	702.5	3.49	6.51	3.25
L0007788 YES	0	0.95720E-06	495633.3	3759825.3	703.0	3.49	6.51	3.25
L0007789 YES	0	0.95720E-06	495632.4	3759839.3	703.0	3.49	6.51	3.25
L0007790 YES	0	0.95720E-06	495630.0	3759853.1	703.0	3.49	6.51	3.25
L0007791 YES	0	0.33480E-07	495274.2	3759817.8	695.8	3.49	4.00	3.25
L0007792 YES	0	0.33480E-07	495265.8	3759816.0	695.5	3.49	4.00	3.25
L0007793 YES	0	0.33480E-07	495257.4	3759814.2	695.2	3.49	4.00	3.25

L0007794	0	0.33480E-07	495249.0	3759812.4	695.0	3.49	4.00	3.25
YES								
L0007795	0	0.33480E-07	495240.6	3759810.6	694.8	3.49	4.00	3.25
YES								
L0007796	0	0.33480E-07	495232.2	3759808.7	694.6	3.49	4.00	3.25
YES								
L0007797	0	0.33480E-07	495223.8	3759806.9	694.4	3.49	4.00	3.25
YES								
L0007798	0	0.33480E-07	495215.4	3759805.1	694.2	3.49	4.00	3.25
YES								
L0007799	0	0.33480E-07	495207.0	3759803.3	694.1	3.49	4.00	3.25
YES								
L0007800	0	0.33480E-07	495198.7	3759801.3	694.0	3.49	4.00	3.25
YES								
L0007801	0	0.33480E-07	495190.9	3759797.7	694.0	3.49	4.00	3.25
YES								
L0007802	0	0.33480E-07	495183.1	3759794.1	693.1	3.49	4.00	3.25
YES								
L0007803	0	0.33480E-07	495175.2	3759790.6	692.0	3.49	4.00	3.25
YES								
L0007804	0	0.33480E-07	495167.4	3759787.0	691.0	3.49	4.00	3.25
YES								
L0007805	0	0.33480E-07	495159.9	3759782.8	690.1	3.49	4.00	3.25
YES								
L0007806	0	0.33480E-07	495152.7	3759778.3	689.2	3.49	4.00	3.25
YES								
L0007807	0	0.33480E-07	495145.4	3759773.7	688.4	3.49	4.00	3.25
YES								
L0007808	0	0.33480E-07	495138.1	3759769.2	687.6	3.49	4.00	3.25
YES								
L0007809	0	0.33480E-07	495130.8	3759764.6	687.0	3.49	4.00	3.25
YES								
L0007810	0	0.33480E-07	495124.4	3759758.9	686.6	3.49	4.00	3.25
YES								
L0007811	0	0.33480E-07	495118.1	3759753.1	686.1	3.49	4.00	3.25
YES								
L0007812	0	0.33480E-07	495111.7	3759747.3	685.8	3.49	4.00	3.25
YES								
L0007813	0	0.33480E-07	495105.5	3759741.4	685.3	3.49	4.00	3.25
YES								
L0007814	0	0.33480E-07	495099.6	3759735.2	684.9	3.49	4.00	3.25
YES								
L0007815	0	0.33480E-07	495093.7	3759728.9	684.5	3.49	4.00	3.25
YES								
L0007816	0	0.33480E-07	495087.8	3759722.7	684.1	3.49	4.00	3.25
YES								

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*** AERMOD - VERSION 22112 ***      *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK
VALLEY\13594 OPS\1359 ***          07/19/23
*** AERMET - VERSION 16216 ***
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* VOLUME SOURCE DATA \*\*\*

SOURCE	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ
ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)		BY						

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```
L0007850    0    0.83100E-07  495857.4 3759762.1  704.2    3.49    4.00    3.25
YES
L0007851    0    0.83100E-07  495865.2 3759758.5  704.4    3.49    4.00    3.25
YES
L0007852    0    0.83100E-07  495873.0 3759754.9  704.5    3.49    4.00    3.25
YES
L0007853    0    0.83100E-07  495880.8 3759751.3  704.5    3.49    4.00    3.25
YES
L0007854    0    0.83100E-07  495888.6 3759747.7  704.4    3.49    4.00    3.25
YES
L0007855    0    0.83100E-07  495896.3 3759744.0  704.3    3.49    4.00    3.25
YES
L0007856    0    0.83100E-07  495904.1 3759740.4  704.1    3.49    4.00    3.25
YES
```

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*** AERMOD - VERSION 22112 ***    *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK
VALLEY\13594 OPS\1359 ***    07/19/23
*** AERMET - VERSION 16216 ***
***                                     ***    11:51:24
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* VOLUME SOURCE DATA \*\*\*

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          NUMBER EMISSION RATE          BASE   RELEASE   INIT.   INIT.
          URBAN  EMISSION RATE          ELEV.   HEIGHT    SY      SZ
SOURCE    PART. (GRAMS/SEC)      X       Y       (METERS) (METERS) (METERS)
SOURCE  SCALAR VARY
  ID    CATS.          (METERS) (METERS) (METERS) (METERS) (METERS)
-----
L0007857    0    0.83100E-07  495911.9 3759736.8  704.1    3.49    4.00    3.25
YES
L0007858    0    0.83100E-07  495919.7 3759733.2  704.3    3.49    4.00    3.25
YES
L0007859    0    0.83100E-07  495927.5 3759729.6  704.4    3.49    4.00    3.25
YES
L0007860    0    0.83100E-07  495935.3 3759725.9  704.5    3.49    4.00    3.25
YES
L0007861    0    0.83100E-07  495943.1 3759722.3  704.5    3.49    4.00    3.25
YES
L0007862    0    0.83100E-07  495950.9 3759718.7  704.4    3.49    4.00    3.25
YES
L0007863    0    0.83100E-07  495958.7 3759715.1  704.3    3.49    4.00    3.25
YES
L0007864    0    0.83100E-07  495966.5 3759711.5  704.2    3.49    4.00    3.25
YES
L0007865    0    0.83100E-07  495974.2 3759707.8  704.1    3.49    4.00    3.25
YES
L0007866    0    0.83100E-07  495982.0 3759704.2  703.9    3.49    4.00    3.25
YES
L0007867    0    0.83100E-07  495989.8 3759700.6  703.8    3.49    4.00    3.25
YES
L0007868    0    0.83100E-07  495997.6 3759697.0  703.7    3.49    4.00    3.25
YES
L0007869    0    0.83100E-07  496005.4 3759693.4  703.6    3.49    4.00    3.25
YES
L0007870    0    0.83100E-07  496013.2 3759689.7  703.7    3.49    4.00    3.25
YES
L0007871    0    0.83100E-07  496021.0 3759686.1  703.8    3.49    4.00    3.25
YES
L0007872    0    0.83100E-07  496028.8 3759682.5  704.0    3.49    4.00    3.25
YES
```

L0007873	0	0.83100E-07	496036.6	3759678.9	704.0	3.49	4.00	3.25
YES								
L0007874	0	0.83100E-07	496044.4	3759675.3	704.0	3.49	4.00	3.25
YES								
L0007875	0	0.83100E-07	496049.0	3759679.8	704.0	3.49	4.00	3.25
YES								
L0007876	0	0.83100E-07	496052.5	3759687.7	704.0	3.49	4.00	3.25
YES								
L0007877	0	0.83100E-07	496055.9	3759695.6	704.0	3.49	4.00	3.25
YES								
L0007878	0	0.83100E-07	496059.3	3759703.4	704.0	3.49	4.00	3.25
YES								
L0007879	0	0.83100E-07	496062.8	3759711.3	704.2	3.49	4.00	3.25
YES								
L0007880	0	0.83100E-07	496066.2	3759719.2	704.5	3.49	4.00	3.25
YES								
L0007881	0	0.83100E-07	496069.7	3759727.1	704.9	3.49	4.00	3.25
YES								
L0007882	0	0.78770E-07	495900.5	3759784.4	705.4	3.49	4.00	3.25
YES								
L0007883	0	0.78770E-07	495908.3	3759780.8	705.4	3.49	4.00	3.25
YES								
L0007884	0	0.78770E-07	495916.2	3759777.2	705.5	3.49	4.00	3.25
YES								
L0007885	0	0.78770E-07	495924.0	3759773.6	705.6	3.49	4.00	3.25
YES								
L0007886	0	0.78770E-07	495931.8	3759770.0	705.8	3.49	4.00	3.25
YES								
L0007887	0	0.78770E-07	495939.6	3759766.4	706.0	3.49	4.00	3.25
YES								
L0007888	0	0.78770E-07	495947.4	3759762.9	705.9	3.49	4.00	3.25
YES								
L0007889	0	0.78770E-07	495955.2	3759759.3	705.8	3.49	4.00	3.25
YES								
L0007890	0	0.78770E-07	495963.0	3759755.7	705.6	3.49	4.00	3.25
YES								
L0007891	0	0.78770E-07	495970.8	3759752.1	705.5	3.49	4.00	3.25
YES								
L0007892	0	0.78770E-07	495978.6	3759748.5	705.4	3.49	4.00	3.25
YES								
L0007893	0	0.78770E-07	495986.4	3759744.9	705.3	3.49	4.00	3.25
YES								
L0007894	0	0.78770E-07	495994.2	3759741.3	705.2	3.49	4.00	3.25
YES								
L0007895	0	0.78770E-07	496002.0	3759737.7	705.1	3.49	4.00	3.25
YES								
L0007896	0	0.78770E-07	496009.8	3759734.1	705.2	3.49	4.00	3.25
YES								

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*** AERMOD - VERSION 22112 ***      *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK
VALLEY\13594 OPS\1359 ***          07/19/23
*** AERMET - VERSION 16216 ***
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* VOLUME SOURCE DATA \*\*\*

SOURCE	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ
ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)		BY						

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L0008031	0	0.89910E-07	496178.3	3759615.9	701.9	3.49	4.00	3.25
YES								
L0008032	0	0.89910E-07	496186.1	3759612.3	702.0	3.49	4.00	3.25
YES								
L0008033	0	0.89910E-07	496193.9	3759608.7	702.1	3.49	4.00	3.25
YES								
L0008034	0	0.89910E-07	496201.7	3759605.2	702.1	3.49	4.00	3.25
YES								
L0008035	0	0.89910E-07	496209.5	3759601.6	702.0	3.49	4.00	3.25
YES								
L0008036	0	0.89910E-07	496217.3	3759598.0	701.9	3.49	4.00	3.25
YES								
L0008037	0	0.89910E-07	496225.2	3759594.5	701.9	3.49	4.00	3.25
YES								
L0008038	0	0.89910E-07	496233.0	3759590.9	701.9	3.49	4.00	3.25
YES								
L0008039	0	0.89910E-07	496240.8	3759587.3	702.0	3.49	4.00	3.25
YES								
L0008040	0	0.89910E-07	496248.6	3759583.8	702.3	3.49	4.00	3.25
YES								
L0008041	0	0.89910E-07	496256.4	3759580.2	702.5	3.49	4.00	3.25
YES								
L0008042	0	0.89910E-07	496264.2	3759576.6	702.8	3.49	4.00	3.25
YES								
L0008043	0	0.89910E-07	496272.0	3759573.1	703.1	3.49	4.00	3.25
YES								
L0008044	0	0.89910E-07	496279.9	3759569.5	703.6	3.49	4.00	3.25
YES								
L0008045	0	0.89910E-07	496287.7	3759565.9	704.1	3.49	4.00	3.25
YES								
L0008046	0	0.89910E-07	496295.5	3759562.4	704.7	3.49	4.00	3.25
YES								
L0008047	0	0.89910E-07	496303.3	3759558.8	705.2	3.49	4.00	3.25
YES								
L0008048	0	0.89910E-07	496311.1	3759555.2	705.7	3.49	4.00	3.25
YES								
L0008049	0	0.89910E-07	496318.9	3759551.6	706.1	3.49	4.00	3.25
YES								
L0008050	0	0.89910E-07	496326.7	3759548.1	706.5	3.49	4.00	3.25
YES								
L0008051	0	0.89910E-07	496334.6	3759544.5	706.8	3.49	4.00	3.25
YES								
L0008052	0	0.89910E-07	496342.4	3759540.9	706.9	3.49	4.00	3.25
YES								
L0008053	0	0.89910E-07	496350.2	3759537.4	707.0	3.49	4.00	3.25
YES								
L0008054	0	0.89910E-07	496358.0	3759533.8	707.2	3.49	4.00	3.25
YES								
L0008055	0	0.89910E-07	496365.8	3759530.2	707.3	3.49	4.00	3.25
YES								
L0008056	0	0.89910E-07	496373.6	3759526.7	707.5	3.49	4.00	3.25
YES								

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*** AERMOD - VERSION 22112 ***      *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK
VALLEY\13594 OPS\1359 ***          07/19/23
*** AERMET - VERSION 16216 ***
***                                                                    ***
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* VOLUME SOURCE DATA \*\*\*

SOURCE	NUMBER	EMISSION RATE	BASE	RELEASE	INIT.	INIT.	
PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ

SOURCE ID (METERS)	SCALAR CATS.	VARY BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	
L0008057 YES	0	0.89910E-07	496381.4	3759523.1	707.6	3.49	4.00	3.25
L0008058 YES	0	0.89910E-07	496389.2	3759519.5	707.8	3.49	4.00	3.25
L0008059 YES	0	0.89910E-07	496397.1	3759516.0	707.9	3.49	4.00	3.25
L0008060 YES	0	0.89910E-07	496404.9	3759512.4	708.0	3.49	4.00	3.25
L0008061 YES	0	0.89910E-07	496412.7	3759508.8	708.2	3.49	4.00	3.25
L0008062 YES	0	0.89910E-07	496420.5	3759505.3	708.3	3.49	4.00	3.25
L0008063 YES	0	0.89910E-07	496428.3	3759501.7	708.7	3.49	4.00	3.25
L0008064 YES	0	0.89910E-07	496436.1	3759498.1	709.1	3.49	4.00	3.25
L0008065 YES	0	0.89910E-07	496443.9	3759494.5	709.5	3.49	4.00	3.25
L0008066 YES	0	0.89910E-07	496451.8	3759491.0	709.9	3.49	4.00	3.25
L0008067 YES	0	0.89910E-07	496459.6	3759487.4	710.4	3.49	4.00	3.25
L0008068 YES	0	0.89910E-07	496467.4	3759483.8	710.9	3.49	4.00	3.25
L0008069 YES	0	0.89910E-07	496475.2	3759480.3	711.6	3.49	4.00	3.25
L0008070 YES	0	0.89910E-07	496483.0	3759476.7	712.2	3.49	4.00	3.25
L0008071 YES	0	0.89910E-07	496490.8	3759473.1	712.7	3.49	4.00	3.25
L0008072 YES	0	0.85500E-07	496150.0	3759689.1	703.4	3.49	4.00	3.25
L0008073 YES	0	0.85500E-07	496146.5	3759681.3	703.3	3.49	4.00	3.25
L0008074 YES	0	0.85500E-07	496143.0	3759673.4	703.1	3.49	4.00	3.25
L0008075 YES	0	0.85500E-07	496139.5	3759665.6	702.9	3.49	4.00	3.25
L0008076 YES	0	0.85500E-07	496136.0	3759657.7	702.6	3.49	4.00	3.25
L0008077 YES	0	0.85500E-07	496132.5	3759649.9	702.2	3.49	4.00	3.25
L0008078 YES	0	0.73920E-07	496179.4	3759721.1	704.5	3.49	4.00	3.25
L0008079 YES	0	0.73920E-07	496187.2	3759717.5	704.4	3.49	4.00	3.25
L0008080 YES	0	0.73920E-07	496194.9	3759713.8	704.2	3.49	4.00	3.25
L0008081 YES	0	0.73920E-07	496202.7	3759710.2	704.1	3.49	4.00	3.25
L0008082 YES	0	0.73920E-07	496210.5	3759706.5	704.0	3.49	4.00	3.25
L0008083 YES	0	0.73920E-07	496218.3	3759702.8	704.2	3.49	4.00	3.25
L0008084 YES	0	0.73920E-07	496226.0	3759699.2	704.4	3.49	4.00	3.25
L0008085 YES	0	0.73920E-07	496233.8	3759695.5	704.5	3.49	4.00	3.25
L0008086 YES	0	0.73920E-07	496241.6	3759691.9	704.5	3.49	4.00	3.25



L0008110	0	0.73920E-07	496428.1	3759604.1	710.9	3.49	4.00	3.25
YES								
L0008111	0	0.73920E-07	496435.9	3759600.5	711.0	3.49	4.00	3.25
YES								
L0008112	0	0.73920E-07	496443.7	3759596.8	711.1	3.49	4.00	3.25
YES								
L0008113	0	0.73920E-07	496451.5	3759593.2	711.3	3.49	4.00	3.25
YES								
L0008114	0	0.82830E-07	496423.4	3759360.5	706.5	3.49	4.00	3.25
YES								
L0008115	0	0.82830E-07	496415.5	3759364.1	706.6	3.49	4.00	3.25
YES								
L0008116	0	0.82830E-07	496407.7	3759367.7	706.7	3.49	4.00	3.25
YES								
L0008117	0	0.82830E-07	496399.9	3759371.2	706.8	3.49	4.00	3.25
YES								
L0008118	0	0.82830E-07	496392.1	3759374.8	706.9	3.49	4.00	3.25
YES								
L0008119	0	0.82830E-07	496384.3	3759378.3	706.6	3.49	4.00	3.25
YES								
L0008120	0	0.82830E-07	496376.5	3759381.9	706.1	3.49	4.00	3.25
YES								
L0008121	0	0.82830E-07	496368.6	3759385.5	705.5	3.49	4.00	3.25
YES								
L0008122	0	0.82830E-07	496360.8	3759389.0	705.0	3.49	4.00	3.25
YES								
L0008123	0	0.82830E-07	496353.0	3759392.6	704.8	3.49	4.00	3.25
YES								
L0008124	0	0.82830E-07	496345.2	3759396.1	704.5	3.49	4.00	3.25
YES								
L0008125	0	0.82830E-07	496343.4	3759402.1	704.4	3.49	4.00	3.25
YES								
L0008126	0	0.82830E-07	496346.8	3759410.0	704.5	3.49	4.00	3.25
YES								
L0008127	0	0.82830E-07	496352.8	3759411.2	704.7	3.49	4.00	3.25
YES								
L0008128	0	0.82830E-07	496360.6	3759407.6	705.0	3.49	4.00	3.25
YES								
L0008129	0	0.82830E-07	496368.4	3759404.0	705.5	3.49	4.00	3.25
YES								
L0008130	0	0.82830E-07	496376.2	3759400.4	706.0	3.49	4.00	3.25
YES								
L0008131	0	0.82830E-07	496384.0	3759396.8	706.6	3.49	4.00	3.25
YES								
L0008132	0	0.82830E-07	496391.8	3759393.2	707.0	3.49	4.00	3.25
YES								
L0008133	0	0.82830E-07	496399.6	3759389.7	707.3	3.49	4.00	3.25
YES								
L0008134	0	0.82830E-07	496407.4	3759386.1	707.4	3.49	4.00	3.25
YES								
L0008135	0	0.82830E-07	496415.2	3759382.5	707.3	3.49	4.00	3.25
YES								
L0008136	0	0.82830E-07	496423.0	3759378.9	707.3	3.49	4.00	3.25
YES								

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK VALLEY\13594 OPS\1359 \*\*\* 07/19/23

\*\*\* AERMET - VERSION 16216 \*\*\*

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* VOLUME SOURCE DATA \*\*\*

NUMBER EMISSION RATE BASE RELEASE INIT. INIT.







L0008189	0	0.81200E-07	496388.4	3759448.7	706.5	3.49	4.00	3.25
YES								
L0008190	0	0.81200E-07	496391.9	3759456.6	706.4	3.49	4.00	3.25
YES								
L0008191	0	0.81200E-07	496398.9	3759454.8	706.7	3.49	4.00	3.25
YES								
L0008192	0	0.81200E-07	496406.7	3759451.1	707.0	3.49	4.00	3.25
YES								
L0008193	0	0.81200E-07	496414.4	3759447.4	707.4	3.49	4.00	3.25
YES								
L0008194	0	0.81200E-07	496422.2	3759443.8	707.8	3.49	4.00	3.25
YES								
L0008195	0	0.81200E-07	496430.0	3759440.1	708.2	3.49	4.00	3.25
YES								
L0008196	0	0.81200E-07	496437.7	3759436.4	708.6	3.49	4.00	3.25
YES								

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK VALLEY\13594 OPS\1359 \*\*\* 07/19/23

\*\*\* AERMET - VERSION 16216 \*\*\*

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

SRCGROUP ID  
-----

SOURCE IDs  
-----

ALL	L0006649	, L0006650	, L0006651	, L0006652	, L0006653	, L0006654	,
L0006655	, L0006656	,					
	L0006657	, L0006658	, L0006659	, L0006660	, L0006661	, L0006662	,
	L0006663	, L0006664	,				
	L0006665	, L0006666	, L0006667	, L0006668	, L0006669	, L0006670	,
	L0006671	, L0006672	,				
	L0006673	, L0006674	, L0006675	, L0006676	, L0006677	, L0006678	,
	L0006679	, L0006680	,				
	L0006681	, L0006682	, L0006683	, L0006684	, L0006685	, L0006686	,
	L0006687	, L0006688	,				
	L0006689	, L0006690	, L0006691	, L0006692	, L0006693	, L0006694	,
	L0006695	, L0006696	,				
	L0006697	, L0006698	, L0006699	, L0006700	, L0006701	, L0006702	,
	L0006703	, L0006704	,				
	L0006705	, L0006706	, L0006707	, L0006708	, L0006709	, L0006710	,
	L0006711	, L0006712	,				
	L0006713	, L0006714	, L0006715	, L0006716	, L0006717	, L0006718	,
	L0006719	, L0006720	,				
	L0006721	, L0006722	, L0006723	, L0006724	, L0006725	, L0006726	,
	L0006727	, L0006728	,				
	L0006729	, L0006730	, L0006731	, L0006732	, L0006733	, L0006734	,
	L0006735	, L0006736	,				
	L0006737	, L0006738	, L0006739	, L0006740	, L0006741	, L0006742	,
	L0006743	, L0006744	,				

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L0005572 , L0005573 ,

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*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK
VALLEY\13594 OPS\1359 *** 07/19/23
*** AERMET - VERSION 16216 ***
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

SRCGROUP ID	SOURCE IDs					
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L0005588	L0005589					
L0005590	L0005591	L0005592	L0005593	L0005594	L0005595	
L0005596	L0005597					
L0005598	L0005599	L0005600	L0005601	L0005602	L0005603	
L0005604	L0005605					
L0005606	L0005607	L0005608	L0008197	L0008198	L0008199	
L0008200	L0008201					
L0008202	L0008203	L0008204	L0008205	L0008206	L0008207	
L0008208	L0008209					
L0008210	L0008211	L0008212	L0008213	L0008214	L0008215	
L0008216	L0008217					
L0008218	L0008219	L0008220	L0008221	L0008222	L0008223	
L0008224	L0008225					
L0008226	L0008227	L0008228	L0008229	L0008230	L0008231	
L0008232	L0008233					

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\*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK  
 VALLEY\13594 OPS\1359 \*\*\* 07/19/23  
 \*\*\* AERMET - VERSION 16216 \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

SRCGROUP ID  
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SOURCE IDs  
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L0008322 , L0008323 , L0008324 , L0008325 , L0008326 , L0008327 ,  
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\*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK  
 VALLEY\13594 OPS\1359 \*\*\* 07/19/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

SRCGROUP ID  
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SOURCE IDs  
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L0006992 , L0006993 , L0006994 , L0006995 , L0006996 , L0006997 ,
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L0007006 , L0007007 ,

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*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK
VALLEY\13594 OPS\1359 *** 07/19/23
*** AERMET - VERSION 16216 ***
*** *** 11:51:24

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

SRCGROUP ID	SOURCE IDs
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 L0007024 , L0007025 , L0007026 , L0007027 , L0007028 , L0007029 ,  
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\*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK  
 VALLEY\13594 OPS\1359 \*\*\* 07/19/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*



SRCGROUP ID

SOURCE IDs

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L0004118 , L0004119 , L0004120 , L0004121 , L0004122 , L0004123 ,
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L0004276 , L0004277 ,

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

SRCGROUP ID

SOURCE IDs

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L0004292	, L0004293	,				
L0004294	, L0004295	, L0004296	, L0004297	, L0004298	, L0004299	,
L0004300	, L0004301	,				
L0004302	, L0004303	, L0004304	, L0004305	, L0004306	, L0004307	,
L0004308	, L0004309	,				
L0004310	, L0004311	, L0004312	, L0004313	, L0004314	, L0004315	,
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\*\*\* AERMOD - VERSION 22112 \*\*\* C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK  
VALLEY\13594 OPS\1359 \*\*\* 07/19/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

SRCGROUP ID  
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SOURCE IDs  
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\*\*\* AERMOD - VERSION 22112 \*\*\* C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK  
 VALLEY\13594 OPS\1359 \*\*\* 07/19/23  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

SRCGROUP ID

SOURCE IDs

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L0004756 , L0004757 ,

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*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK
VALLEY\13594 OPS\1359 *** 07/19/23

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*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

SRCGROUP ID  
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SOURCE IDs  
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*** AERMOD - VERSION 22112 *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK
VALLEY\13594 OPS\1359 *** 07/19/23

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*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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*** SOURCE IDs DEFINING SOURCE GROUPS ***

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SRCGROUP ID
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SOURCE IDs
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L0007391 , L0007392 ,

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\*\*\* AERMOD - VERSION 22112 \*\*\* C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK  
 VALLEY\13594 OPS\1359 \*\*\* 07/19/23

\*\*\* AERMET - VERSION 16216 \*\*\*  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

SRCGROUP ID

SOURCE IDs

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L0007497 , L0007498 , L0007499 , L0007500 , L0007501 , L0007502 ,  
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*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK
VALLEY\13594 OPS\1359 *** 07/19/23
*** AERMET - VERSION 16216 ***
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

SRCGROUP ID  
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SOURCE IDs  
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\*\*\* AERMOD - VERSION 22112 \*\*\* C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK  
 VALLEY\13594 OPS\1359 \*\*\* 07/19/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

SRCGROUP ID

SOURCE IDs

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*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK
VALLEY\13594 OPS\1359 *** 07/19/23

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*** AERMET - VERSION 16216 ***

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

SRCGROUP ID  
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SOURCE IDs  
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L0007991	,	L0007992	,								
L0007993	,	L0007994	,	L0007995	,	L0007996	,	L0007997	,	L0007998	,
L0007999	,	L0008000	,								
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L0008007	,	L0008008	,								
L0008009	,	L0008010	,	L0008011	,	L0008012	,	L0008013	,	L0008014	,
L0008015	,	L0008016	,								
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L0008023	,	L0008024	,								
L0008025	,	L0008026	,	L0008027	,	L0008028	,	L0008029	,	L0008030	,
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L0008073	,	L0008074	,	L0008075	,	L0008076	,	L0008077	,	L0008078	,
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\*\*\* AERMOD - VERSION 22112 \*\*\* C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK  
VALLEY\13594 OPS\1359 \*\*\* 07/19/23

\*\*\* AERMET - VERSION 16216 \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* SOURCE IDs DEFINING SOURCE GROUPS \*\*\*

SRCGROUP ID  
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SOURCE IDs  
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\*\*\* AERMOD - VERSION 22112 \*\*\* C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK  
VALLEY\13594 OPS\1359 \*\*\* 07/19/23

\*\*\* AERMET - VERSION 16216 \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* SOURCE IDs DEFINED AS URBAN SOURCES \*\*\*

URBAN ID URBAN POP  
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SOURCE IDs  
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\*\*\* AERMOD - VERSION 22112 \*\*\* C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK  
 VALLEY\13594 OPS\1359 \*\*\* 07/19/23

\*\*\* AERMET - VERSION 16216 \*\*\*  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* SOURCE IDs DEFINED AS URBAN SOURCES \*\*\*

URBAN ID URBAN POP  
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SOURCE IDs  
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 L0005606 , L0005607 , L0005608 , L0008197 , L0008198 , L0008199 ,  
 L0008200 , L0008201 ,  
 L0008202 , L0008203 , L0008204 , L0008205 , L0008206 , L0008207 ,  
 L0008208 , L0008209 ,  
 L0008210 , L0008211 , L0008212 , L0008213 , L0008214 , L0008215 ,  
 L0008216 , L0008217 ,  
 L0008218 , L0008219 , L0008220 , L0008221 , L0008222 , L0008223 ,  
 L0008224 , L0008225 ,  
 L0008226 , L0008227 , L0008228 , L0008229 , L0008230 , L0008231 ,  
 L0008232 , L0008233 ,  
 L0008234 , L0008235 , L0008236 , L0008237 , L0008238 , L0008239 ,  
 L0008240 , L0008241 ,  
 L0008242 , L0008243 , L0008244 , L0008245 , L0008246 , L0008247 ,  
 L0008248 , L0008249 ,  
 L0008250 , L0008251 , L0008252 , L0008253 , L0008254 , L0008255 ,  
 L0008256 , L0008257 ,  
 L0008258 , L0008259 , L0008260 , L0008261 , L0008262 , L0008263 ,  
 L0008264 , L0008265 ,  
 L0008266 , L0008267 , L0008268 , L0008269 , L0008270 , L0008271 ,  
 L0008272 , L0008273 ,  
 L0008274 , L0008275 , L0008276 , L0008277 , L0008278 , L0008279 ,  
 L0008280 , L0008281 ,  
 L0008282 , L0008283 , L0008284 , L0008285 , L0008286 , L0008287 ,  
 L0008288 , L0008289 ,  
 L0008290 , L0008291 , L0008292 , L0008293 , L0008294 , L0008295 ,  
 L0008296 , L0008297 ,  
 L0008298 , L0008299 , L0008300 , L0008301 , L0008302 , L0008303 ,  
 L0008304 , L0008305 ,  
 L0008306 , L0008307 , L0008308 , L0008309 , L0008310 , L0008311 ,  
 L0008312 , L0008313 ,  
 L0008314 , L0008315 , L0008316 , L0008317 , L0008318 , L0008319 ,  
 L0008320 , L0008321 ,

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK  
 VALLEY\13594 OPS\1359 \*\*\* 07/19/23

\*\*\* AERMET - VERSION 16216 \*\*\*  
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\*\*\* SOURCE IDs DEFINED AS URBAN SOURCES \*\*\*

URBAN ID -----	URBAN POP -----	SOURCE IDs -----						
L0008322 L0008328	, ,	L0008323 L0008329	, ,	L0008324 ,	, ,	L0008325 L0008326	, ,	L0008327 ,
L0008330 L0008336	, ,	L0008331 L0008337	, ,	L0008332 ,	, ,	L0008333 L0008334	, ,	L0008335 ,
L0008338 L0008344	, ,	L0008339 L0008345	, ,	L0008340 ,	, ,	L0008341 L0008342	, ,	L0008343 ,
L0008346 L0008352	, ,	L0008347 L0008353	, ,	L0008348 ,	, ,	L0008349 L0008350	, ,	L0008351 ,
L0008354 L0008360	, ,	L0008355 L0008361	, ,	L0008356 ,	, ,	L0008357 L0008358	, ,	L0008359 ,
L0008362 L0008368	, ,	L0008363 L0008369	, ,	L0008364 ,	, ,	L0008365 L0008366	, ,	L0008367 ,
L0008370 L0008376	, ,	L0008371 L0008377	, ,	L0008372 ,	, ,	L0008373 L0008374	, ,	L0008375 ,
L0008378 L0008384	, ,	L0008379 L0008385	, ,	L0008380 ,	, ,	L0008381 L0008382	, ,	L0008383 ,
L0008386 L0008392	, ,	L0008387 L0008393	, ,	L0008388 ,	, ,	L0008389 L0008390	, ,	L0008391 ,
L0008394 L0008400	, ,	L0008395 L0008401	, ,	L0008396 ,	, ,	L0008397 L0008398	, ,	L0008399 ,
L0008402 L0008408	, ,	L0008403 L0008409	, ,	L0008404 ,	, ,	L0008405 L0008406	, ,	L0008407 ,
L0008410 L0008416	, ,	L0008411 L0008417	, ,	L0008412 ,	, ,	L0008413 L0008414	, ,	L0008415 ,
L0008418 L0008424	, ,	L0008419 L0008425	, ,	L0008420 ,	, ,	L0008421 L0008422	, ,	L0008423 ,
L0008426 L0006798	, ,	L0006793 L0006799	, ,	L0006794 ,	, ,	L0006795 L0006796	, ,	L0006797 ,
L0006800 L0006806	, ,	L0006801 L0006807	, ,	L0006802 ,	, ,	L0006803 L0006804	, ,	L0006805 ,
L0006808 L0006814	, ,	L0006809 L0006815	, ,	L0006810 ,	, ,	L0006811 L0006812	, ,	L0006813 ,
L0006816 L0006822	, ,	L0006817 L0006823	, ,	L0006818 ,	, ,	L0006819 L0006820	, ,	L0006821 ,
L0006824 L0006830	, ,	L0006825 L0006831	, ,	L0006826 ,	, ,	L0006827 L0006828	, ,	L0006829 ,
L0006832 L0006838	, ,	L0006833 L0006839	, ,	L0006834 ,	, ,	L0006835 L0006836	, ,	L0006837 ,
L0006840 L0006846	, ,	L0006841 L0006847	, ,	L0006842 ,	, ,	L0006843 L0006844	, ,	L0006845 ,

\*\*\* MODELOPTs:      RegDFAULT    CONC    ELEV    URBAN    ADJ\_U\*

\*\*\* SOURCE IDs DEFINED AS URBAN SOURCES \*\*\*

URBAN ID	URBAN POP	SOURCE IDs					
-----	-----	-----	-----	-----	-----	-----	-----
L0006848	, L0006849	, L0006850	, L0006851	, L0006852	, L0006853	,	
L0006854	, L0006855	,					
L0006856	, L0006857	, L0006858	, L0006859	, L0006860	, L0006861	,	
L0006862	, L0006863	,					
L0006864	, L0006865	, L0006866	, L0006867	, L0006868	, L0006869	,	
L0006870	, L0006871	,					
L0006872	, L0006873	, L0006874	, L0006875	, L0006876	, L0006877	,	
L0006878	, L0006879	,					
L0006880	, L0006881	, L0006882	, L0006883	, L0006884	, L0006885	,	
L0006886	, L0006887	,					
L0006888	, L0006889	, L0006890	, L0006891	, L0006892	, L0006893	,	
L0006894	, L0006895	,					
L0006896	, L0006897	, L0006898	, L0006899	, L0006900	, L0006901	,	
L0006902	, L0006903	,					
L0006904	, L0006905	, L0006906	, L0006907	, L0006908	, L0006909	,	
L0006910	, L0006911	,					
L0006912	, L0006913	, L0006914	, L0006915	, L0006916	, L0006917	,	
L0006918	, L0006919	,					
L0006920	, L0006921	, L0006922	, L0006923	, L0006924	, L0006925	,	
L0006926	, L0006927	,					
L0006928	, L0006929	, L0006930	, L0006931	, L0006932	, L0006933	,	
L0006934	, L0006935	,					
L0006936	, L0006937	, L0006938	, L0006939	, L0006940	, L0006941	,	
L0006942	, L0006943	,					
L0006944	, L0006945	, L0006946	, L0006947	, L0006948	, L0006949	,	
L0006950	, L0006951	,					
L0006952	, L0006953	, L0006954	, L0006955	, L0006956	, L0006957	,	
L0006958	, L0006959	,					
L0006960	, L0006961	, L0006962	, L0006963	, L0006964	, L0006965	,	
L0006966	, L0006967	,					
L0006968	, L0006969	, L0006970	, L0006971	, L0006972	, L0006973	,	
L0006974	, L0006975	,					
L0006976	, L0006977	, L0006978	, L0006979	, L0006980	, L0006981	,	
L0006982	, L0006983	,					



L0006984 , L0006985 , L0006986 , L0006987 , L0006988 , L0006989 ,  
 L0006990 , L0006991 ,  
 L0006992 , L0006993 , L0006994 , L0006995 , L0006996 , L0006997 ,  
 L0006998 , L0006999 ,  
 L0007000 , L0007001 , L0007002 , L0007003 , L0007004 , L0007005 ,  
 L0007006 , L0007007 ,

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK  
 VALLEY\13594 OPS\1359 \*\*\* 07/19/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* SOURCE IDs DEFINED AS URBAN SOURCES \*\*\*

URBAN ID	URBAN POP	SOURCE IDs					
-----	-----	-----					
L0007008	, L0007009	, L0007010	, L0007011	, L0007012	, L0007013	,	
L0007014	, L0007015	,					
L0007016	, L0007017	, L0007018	, L0007019	, L0007020	, L0007021	,	
L0007022	, L0007023	,					
L0007024	, L0007025	, L0007026	, L0007027	, L0007028	, L0007029	,	
L0007030	, L0007031	,					
L0007032	, L0007033	, L0007034	, L0007035	, L0007036	, L0007037	,	
L0007038	, L0007039	,					
L0007040	, L0007041	, L0007042	, L0007043	, L0007044	, L0007045	,	
L0007046	, L0007047	,					
L0007048	, L0007049	, L0007050	, L0007051	, L0007052	, L0007053	,	
L0007054	, L0007055	,					
L0007056	, L0007057	, L0007058	, L0007059	, L0007060	, L0007061	,	
L0007062	, L0007063	,					
L0007064	, L0007065	, L0007066	, L0007067	, L0007068	, L0007069	,	
L0007070	, L0007071	,					
L0007072	, L0007073	, L0007074	, L0007075	, L0007076	, L0007077	,	
L0007078	, L0007079	,					
L0007080	, L0007081	, L0007082	, L0007083	, L0007084	, L0007085	,	
L0007086	, L0007087	,					
L0007088	, L0007089	, L0007090	, L0007091	, L0007092	, L0007093	,	
L0007094	, L0007095	,					
L0007096	, L0007097	, L0007098	, L0007099	, L0007100	, L0007101	,	
L0007102	, L0007103	,					
L0007104	, L0007105	, L0007106	, L0007107	, L0007108	, L0007109	,	
L0007110	, L0007111	,					
L0007112	, L0007113	, L0007114	, L0007115	, L0007116	, L0007117	,	
L0007118	, L0007119	,					
L0007120	, L0007121	, L0007122	, L0007123	, L0007124	, L0007125	,	

L0007126 , L0007127 ,  
 L0007128 , L0007129 , L0007130 , L0007131 , L0007132 , L0007133 ,  
 L0007134 , L0007135 ,  
 L0007136 , L0007137 , L0007138 , L0007139 , L0007140 , L0007141 ,  
 L0007142 , L0007143 ,  
 L0007144 , L0007145 , L0007146 , L0007147 , L0007148 , L0007149 ,  
 L0007150 , L0007151 ,  
 L0007152 , L0007153 , L0007154 , L0007155 , L0007156 , L0007157 ,  
 L0007158 , L0007159 ,  
 L0004110 , L0004111 , L0004112 , L0004113 , L0004114 , L0004115 ,  
 L0004116 , L0004117 ,

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK  
 VALLEY\13594 OPS\1359 \*\*\* 07/19/23

\*\*\* AERMET - VERSION 16216 \*\*\*

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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* SOURCE IDs DEFINED AS URBAN SOURCES \*\*\*

URBAN ID	URBAN POP	SOURCE IDs					
-----	-----	-----					
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	L0004175	L0004176	L0004177	L0004178	L0004179		
L0004180	L0004181						
L0004182	L0004183	L0004184	L0004185	L0004186	L0004187		
L0004188	L0004189						
L0004190	L0004191	L0004192	L0004193	L0004194	L0004195		
L0004196	L0004197						
L0004198	L0004199	L0004200	L0004201	L0004202	L0004203		
L0004204	L0004205						
L0004206	L0004207	L0004208	L0004209	L0004210	L0004211		
L0004212	L0004213						

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L0004214 , L0004215 , L0004216 , L0004217 , L0004218 , L0004219 ,
L0004220 , L0004221 ,

L0004222 , L0004223 , L0004224 , L0004225 , L0004226 , L0004227 ,
L0004228 , L0004229 ,

L0004230 , L0004231 , L0004232 , L0004233 , L0004234 , L0004235 ,
L0004236 , L0004237 ,

L0004238 , L0004239 , L0004240 , L0004241 , L0004242 , L0004243 ,
L0004244 , L0004245 ,

L0004246 , L0004247 , L0004248 , L0004249 , L0004250 , L0004251 ,
L0004252 , L0004253 ,

L0004254 , L0004255 , L0004256 , L0004257 , L0004258 , L0004259 ,
L0004260 , L0004261 ,

L0004262 , L0004263 , L0004264 , L0004265 , L0004266 , L0004267 ,
L0004268 , L0004269 ,

L0004270 , L0004271 , L0004272 , L0004273 , L0004274 , L0004275 ,
L0004276 , L0004277 ,

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*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK
VALLEY\13594 OPS\1359 *** 07/19/23
*** AERMET - VERSION 16216 ***
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* SOURCE IDs DEFINED AS URBAN SOURCES \*\*\*

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----
L0004278 L0004284	, L0004279 , L0004285	, L0004280 , L0004281 , L0004282 , L0004283 ,
L0004286 L0004292	, L0004287 , L0004293	, L0004288 , L0004289 , L0004290 , L0004291 ,
L0004294 L0004300	, L0004295 , L0004301	, L0004296 , L0004297 , L0004298 , L0004299 ,
L0004302 L0004308	, L0004303 , L0004309	, L0004304 , L0004305 , L0004306 , L0004307 ,
L0004310 L0004316	, L0004311 , L0004317	, L0004312 , L0004313 , L0004314 , L0004315 ,
L0004318 L0004324	, L0004319 , L0004325	, L0004320 , L0004321 , L0004322 , L0004323 ,
L0004326 L0004332	, L0004327 , L0004333	, L0004328 , L0004329 , L0004330 , L0004331 ,
L0004334 L0004340	, L0004335 , L0004341	, L0004336 , L0004337 , L0004338 , L0004339 ,
L0004342 L0004348	, L0004343 , L0004349	, L0004344 , L0004345 , L0004346 , L0004347 ,

L0004350 , L0004351 , L0004352 , L0004353 , L0004354 , L0004355 ,  
 L0004356 , L0004357 ,  
  
 L0004358 , L0004359 , L0004360 , L0004361 , L0004362 , L0004363 ,  
 L0004364 , L0004365 ,  
  
 L0004366 , L0004367 , L0004368 , L0004369 , L0004370 , L0004371 ,  
 L0004372 , L0004373 ,  
  
 L0004374 , 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 , L0004407 , L0004408 , L0004409 , L0004410 , L0004411 ,  
 L0004412 , L0004413 ,  
  
 L0004414 , L0004415 , L0004416 , L0004417 , L0004418 , L0004419 ,  
 L0004420 , L0004421 ,  
  
 L0004422 , L0004423 , L0004424 , L0004425 , L0004426 , L0004427 ,  
 L0004428 , L0004429 ,  
  
 L0004430 , L0004431 , L0004432 , L0004433 , L0004434 , L0004435 ,  
 L0004436 , L0004437 ,

\*\*\* AERMOD - VERSION 22112 \*\*\* \*\*\* C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK  
 VALLEY\13594 OPS\1359 \*\*\* 07/19/23

\*\*\* AERMET - VERSION 16216 \*\*\*

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* SOURCE IDs DEFINED AS URBAN SOURCES \*\*\*

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----
L0004438	L0004439	L0004440 , L0004441 , L0004442 , L0004443 ,
L0004444	L0004445	,
L0004446	L0004447	L0004448 , L0004449 , L0004450 , L0004451 ,
L0004452	L0004453	,
L0004454	L0004455	L0004456 , L0004457 , L0004458 , L0007160 ,
L0007161	L0007162	,
L0007163	L0007164	L0007165 , L0007166 , L0007167 , L0007168 ,
L0007169	L0007170	,
L0007171	L0007172	L0007173 , L0007174 , L0007175 , L0007176 ,
L0007177	L0007178	,
L0007179	L0007180	L0007181 , L0007182 , L0007183 , L0007184 ,
L0007185	L0007186	,
L0007187	L0007188	L0007189 , L0007190 , L0007191 , L0007192 ,

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L0007193      , L0007194      ,
L0007195      , L0007196      , L0007197      , L0007198      , L0007199      , L0007200      ,
L0007201      , L0007202      ,
L0007203      , L0007204      , L0007205      , L0007206      , L0007207      , L0007208      ,
L0007209      , L0007210      ,
L0007211      , L0007212      , L0007213      , L0007214      , L0007215      , L0007216      ,
L0007217      , L0007218      ,
L0007219      , L0007220      , L0007221      , L0007222      , L0007223      , L0007224      ,
L0007225      , L0007226      ,
L0007227      , L0007228      , L0007229      , L0007230      , L0007231      , L0007232      ,
L0007233      , L0007234      ,
L0007235      , L0007236      , L0007237      , L0007238      , L0007239      , L0007240      ,
L0007241      , L0007242      ,
L0007243      , L0007244      , L0007245      , L0007246      , L0007247      , L0007248      ,
L0007249      , L0007250      ,
L0007251      , L0007252      , L0007253      , L0007254      , L0007255      , L0007256      ,
L0007257      , L0007258      ,
L0007259      , L0007260      , L0007261      , L0007262      , L0007263      , L0007264      ,
L0007265      , L0007266      ,
L0007267      , L0007268      , L0007269      , L0007270      , L0007271      , L0007272      ,
L0007273      , L0007274      ,
L0007275      , L0007276      , L0004576      , L0004577      , L0004578      , L0004579      ,
L0004580      , L0004581      ,
L0004582      , L0004583      , L0004584      , L0004585      , L0004586      , L0004587      ,
L0004588      , L0004589      ,
L0004590      , L0004591      , L0004592      , L0004593      , L0004594      , L0004595      ,
L0004596      , L0004597      ,

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*** AERMOD - VERSION 22112 ***      *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK
VALLEY\13594 OPS\1359 ***      07/19/23

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*** AERMET - VERSION 16216 ***
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*** MODELOPTs:      RegDEFAULT CONC ELEV URBAN ADJ_U*

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*** SOURCE IDs DEFINED AS URBAN SOURCES ***

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URBAN ID	URBAN POP	SOURCE IDs					
-----	-----	-----					
L0004598	, L0004599	, L0004600	, L0007277	, L0007278	, L0007279	,	
L0007280	, L0007281	,					
L0007282	, L0007283	, L0007284	, L0007285	, L0007286	, L0007287	,	
L0007288	, L0007289	,					
L0007290	, L0007291	, L0007292	, L0007293	, L0007294	, L0007295	,	
L0007296	, L0007297	,					
L0007298	, L0007299	, L0007300	, L0007301	, L0004626	, L0004627	,	
L0004628	, L0004629	,					

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L0004630 , L0004631 , L0004632 , L0004633 , L0004634 , L0004635 ,
L0004636 , L0004637 ,

L0004638 , L0004639 , L0004640 , L0004641 , L0004642 , L0004643 ,
L0004644 , L0004645 ,

L0004646 , L0004647 , L0004648 , L0004649 , L0004650 , L0004651 ,
L0004652 , L0004653 ,

L0004654 , L0004655 , L0004656 , L0004657 , L0004658 , L0004659 ,
L0004660 , L0004661 ,

L0004662 , L0004663 , L0004664 , L0004665 , L0004666 , L0004667 ,
L0004668 , L0004669 ,

L0004670 , L0004671 , L0004672 , L0004673 , L0004674 , L0004675 ,
L0004676 , L0004677 ,

L0004678 , L0004679 , L0004680 , L0004681 , L0004682 , L0004683 ,
L0004684 , L0004685 ,

L0004686 , L0004687 , L0004688 , L0004689 , L0004690 , L0004691 ,
L0004692 , L0004693 ,

L0004694 , L0004695 , L0004696 , L0004697 , L0004698 , L0004699 ,
L0004700 , L0004701 ,

L0004702 , L0004703 , L0004704 , L0004705 , L0004706 , L0004707 ,
L0004708 , L0004709 ,

L0004710 , L0004711 , L0004712 , L0004713 , L0004714 , L0004715 ,
L0004716 , L0004717 ,

L0004718 , L0004719 , L0004720 , L0004721 , L0004722 , L0004723 ,
L0004724 , L0004725 ,

L0004726 , L0004727 , L0004728 , L0004729 , L0004730 , L0004731 ,
L0004732 , L0004733 ,

L0004734 , L0004735 , L0004736 , L0004737 , L0004738 , L0004739 ,
L0004740 , L0004741 ,

L0004742 , L0004743 , L0004744 , L0004745 , L0004746 , L0004747 ,
L0004748 , L0004749 ,

L0004750 , L0004751 , L0004752 , L0004753 , L0004754 , L0004755 ,
L0004756 , L0004757 ,

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*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK
VALLEY\13594 OPS\1359 *** 07/19/23
*** AERMET - VERSION 16216 ***
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* SOURCE IDs DEFINED AS URBAN SOURCES \*\*\*

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----
L0004758	L0004759	L0004760 , L0004761 , L0004762 , L0004763 ,
L0004764	L0004765	,

L0004766 , L0004767 , L0004768 , L0004769 , L0004770 , L0004771 ,  
 L0004772 , L0004773 ,  
  
 L0004774 , L0004775 , L0004776 , L0004777 , L0004778 , L0004779 ,  
 L0004780 , L0004781 ,  
  
 L0004782 , L0004783 , L0004784 , L0004785 , L0004786 , L0004787 ,  
 L0004788 , L0004789 ,  
  
 L0004790 , L0004791 , L0004792 , L0004793 , L0004794 , L0004795 ,  
 L0004796 , L0004797 ,  
  
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 L0004804 , L0004805 ,  
  
 L0004806 , L0004807 , L0004808 , L0004809 , L0004810 , L0004811 ,  
 L0004812 , L0004813 ,  
  
 L0004814 , L0004815 , L0004816 , L0004817 , L0004818 , L0004819 ,  
 L0004820 , L0004821 ,  
  
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 L0004828 , L0004829 ,  
  
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 L0004836 , L0004837 ,  
  
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 L0004852 , L0004853 ,  
  
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 L0004860 , L0004861 ,  
  
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 L0004868 , L0004869 ,  
  
 L0004870 , L0004871 , L0004872 , L0004873 , L0004874 , L0004875 ,  
 L0004876 , L0004877 ,  
  
 L0004878 , L0004879 , L0004880 , L0004881 , L0004882 , L0007302 ,  
 L0007303 , L0007304 ,  
  
 L0007305 , L0007306 , L0007307 , L0007308 , L0007309 , L0007310 ,  
 L0007311 , L0007312 ,  
  
 L0007313 , L0007314 , L0007315 , L0007316 , L0007317 , L0007318 ,  
 L0007319 , L0007320 ,  
  
 L0007321 , L0007322 , L0007323 , L0007324 , L0007325 , L0007326 ,  
 L0007327 , L0007328 ,  
  
 L0007329 , L0007330 , L0007331 , L0007332 , L0007333 , L0007334 ,  
 L0007335 , L0007336 ,

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK  
 VALLEY\13594 OPS\1359 \*\*\* 07/19/23

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URBAN ID	URBAN POP	SOURCE IDs					
-----	-----	-----					
L0007337	, L0007338	, L0007339	, L0007340	, L0007341	, L0007342	,	
L0007343	, L0007344	,					
L0007345	, L0007346	, L0007347	, L0007348	, L0007349	, L0007350	,	
L0007351	, L0007352	,					
L0007353	, L0007354	, L0007355	, L0007356	, L0007357	, L0007358	,	
L0007359	, L0007360	,					
L0007361	, L0007362	, L0007363	, L0007364	, L0007365	, L0007366	,	
L0007367	, L0007368	,					
L0007369	, L0007370	, L0007371	, L0007372	, L0007373	, L0007374	,	
L0007375	, L0007376	,					
L0007377	, L0007378	, L0007379	, L0007380	, L0007381	, L0007382	,	
L0007383	, L0007384	,					
L0007385	, L0007386	, L0007387	, L0007388	, L0007389	, L0007390	,	
L0007391	, L0007392	,					
L0007393	, L0007394	, L0007395	, L0007396	, L0007397	, L0007398	,	
L0007399	, L0007400	,					
L0007401	, L0007402	, L0007403	, L0007404	, L0007405	, L0007406	,	
L0007407	, L0007408	,					
L0007409	, L0007410	, L0007411	, L0007412	, L0007413	, L0007414	,	
L0007415	, L0007416	,					
L0007417	, L0007418	, L0007419	, L0007420	, L0007421	, L0007422	,	
L0007423	, L0007424	,					
L0007425	, L0007426	, L0007427	, L0007428	, L0007429	, L0007430	,	
L0007431	, L0007432	,					
L0007433	, L0007434	, L0007435	, L0007436	, L0007437	, L0007438	,	
L0007439	, L0007440	,					
L0007441	, L0007442	, L0007443	, L0007444	, L0007445	, L0007446	,	
L0007447	, L0007448	,					
L0007449	, L0007450	, L0007451	, L0007452	, L0007453	, L0007454	,	
L0007455	, L0007456	,					
L0007457	, L0007458	, L0007459	, L0007460	, L0007461	, L0007462	,	
L0007463	, L0007464	,					
L0007465	, L0007466	, L0007467	, L0007468	, L0007469	, L0007470	,	
L0007471	, L0007472	,					
L0007473	, L0007474	, L0007475	, L0007476	, L0007477	, L0007478	,	
L0007479	, L0007480	,					
L0007481	, L0007482	, L0007483	, L0007484	, L0007485	, L0007486	,	
L0007487	, L0007488	,					
L0007489	, L0007490	, L0007491	, L0007492	, L0007493	, L0007494	,	
L0007495	, L0007496	,					



\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* SOURCE IDs DEFINED AS URBAN SOURCES \*\*\*

URBAN ID	URBAN POP	SOURCE IDs					
-----	-----	-----	-----	-----	-----	-----	-----
L0007497		, L0007498	, L0007499	, L0007500	, L0007501	, L0007502	,
L0007503		, L0007504	,				
L0007505		, L0007506	, L0007507	, L0007508	, L0007509	, L0007510	,
L0007511		, L0007512	,				
L0007513		, L0007514	, L0007515	, L0007516	, L0007517	, L0007518	,
L0007519		, L0007520	,				
L0007521		, L0007522	, L0007523	, L0007524	, L0007525	, L0007526	,
L0007527		, L0007528	,				
L0007529		, L0007530	, L0007531	, L0007532	, L0007533	, L0007534	,
L0007535		, L0007536	,				
L0007537		, L0007538	, L0007539	, L0007540	, L0007541	, L0007542	,
L0007543		, L0007544	,				
L0007545		, L0007546	, L0007547	, L0007548	, L0007549	, L0007550	,
L0007551		, L0007552	,				
L0007553		, L0007554	, L0007555	, L0007556	, L0007557	, L0007558	,
L0007559		, L0007560	,				
L0007561		, L0007562	, L0007563	, L0007564	, L0007565	, L0007566	,
L0007567		, L0007568	,				
L0007569		, L0007570	, L0007571	, L0007572	, L0007573	, L0007574	,
L0007575		, L0007576	,				
L0007577		, L0007578	, L0007579	, L0007580	, L0007581	, L0007582	,
L0007583		, L0007584	,				
L0007585		, L0007586	, L0007587	, L0007588	, L0007589	, L0007590	,
L0007591		, L0007592	,				
L0007593		, L0007594	, L0007595	, L0007596	, L0007597	, L0007598	,
L0007599		, L0007600	,				
L0007601		, L0007602	, L0007603	, L0007604	, L0007605	, L0007606	,
L0007607		, L0007608	,				
L0007609		, L0007610	, L0007611	, L0007612	, L0007613	, L0007614	,
L0007615		, L0007616	,				
L0007617		, L0007618	, L0007619	, L0007620	, L0007621	, L0007622	,
L0007623		, L0007624	,				
L0007625		, L0007626	, L0007627	, L0007628	, L0007629	, L0007630	,
L0007631		, L0007632	,				
L0007633		, L0007634	, L0007635	, L0007636	, L0007637	, L0007638	,
L0007639		, L0007640	,				

L0007641 , L0007642 , L0007643 , L0007644 , L0007645 , L0007646 ,  
L0007647 , L0007648 ,

L0007649 , L0007650 , L0007651 , L0007652 , L0007653 , L0007654 ,  
L0007655 , L0007656 ,

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VALLEY\13594 OPS\1359 \*\*\* 07/19/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* SOURCE IDs DEFINED AS URBAN SOURCES \*\*\*

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----
L0007657	, L0007658	, L0007659 , L0007660 , L0007661 , L0007662 ,
L0007663	, L0007664	,
L0007665	, L0007666	, L0007667 , L0007668 , L0007669 , L0007670 ,
L0007671	, L0007672	,
L0007673	, L0007674	, L0007675 , L0007676 , L0007677 , L0007678 ,
L0007679	, L0007680	,
L0007681	, L0007682	, L0007683 , L0007684 , L0007685 , L0007686 ,
L0007687	, L0007688	,
L0007689	, L0007690	, L0007691 , L0007692 , L0007693 , L0007694 ,
L0007695	, L0007696	,
L0007697	, L0007698	, L0007699 , L0007700 , L0007701 , L0007702 ,
L0007703	, L0007704	,
L0007705	, L0007706	, L0007707 , L0007708 , L0007709 , L0007710 ,
L0007711	, L0007712	,
L0007713	, L0007714	, L0007715 , L0007716 , L0007717 , L0007718 ,
L0007719	, L0007720	,
L0007721	, L0007722	, L0007723 , L0007724 , L0007725 , L0007726 ,
L0007727	, L0007728	,
L0007729	, L0007730	, L0007731 , L0007732 , L0007733 , L0007734 ,
L0007735	, L0007736	,
L0007737	, L0007738	, L0007739 , L0007740 , L0007741 , L0007742 ,
L0007743	, L0007744	,
L0007745	, L0007746	, L0007747 , L0007748 , L0007749 , L0007750 ,
L0007751	, L0007752	,
L0007753	, L0007754	, L0007755 , L0007756 , L0007757 , L0007758 ,
L0007759	, L0007760	,
L0007761	, L0007762	, L0007763 , L0007764 , L0007765 , L0007766 ,
L0007767	, L0007768	,
L0007769	, L0007770	, L0007771 , L0007772 , L0007773 , L0007774 ,
L0007775	, L0007776	,

L0007777 , L0007778 , L0007779 , L0007780 , L0007781 , L0007782 ,  
 L0007783 , L0007784 ,  
  
 L0007785 , L0007786 , L0007787 , L0007788 , L0007789 , L0007790 ,  
 L0007791 , L0007792 ,  
  
 L0007793 , L0007794 , L0007795 , L0007796 , L0007797 , L0007798 ,  
 L0007799 , L0007800 ,  
  
 L0007801 , L0007802 , L0007803 , L0007804 , L0007805 , L0007806 ,  
 L0007807 , L0007808 ,  
  
 L0007809 , L0007810 , L0007811 , L0007812 , L0007813 , L0007814 ,  
 L0007815 , L0007816 ,

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 VALLEY\13594 OPS\1359 \*\*\* 07/19/23  
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* SOURCE IDs DEFINED AS URBAN SOURCES \*\*\*

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----
L0007817	L0007818	L0007819 , L0007820 , L0007821 , L0007822 ,
L0007823	L0007824	,
L0007825	L0007826	L0007827 , L0007828 , L0007829 , L0007830 ,
L0007831	L0007832	,
L0007833	L0007834	L0007835 , L0007836 , L0007837 , L0007838 ,
L0007839	L0007840	,
L0007841	L0007842	L0007843 , L0007844 , L0007845 , L0007846 ,
L0007847	L0007848	,
L0007849	L0007850	L0007851 , L0007852 , L0007853 , L0007854 ,
L0007855	L0007856	,
L0007857	L0007858	L0007859 , L0007860 , L0007861 , L0007862 ,
L0007863	L0007864	,
L0007865	L0007866	L0007867 , L0007868 , L0007869 , L0007870 ,
L0007871	L0007872	,
L0007873	L0007874	L0007875 , L0007876 , L0007877 , L0007878 ,
L0007879	L0007880	,
L0007881	L0007882	L0007883 , L0007884 , L0007885 , L0007886 ,
L0007887	L0007888	,
L0007889	L0007890	L0007891 , L0007892 , L0007893 , L0007894 ,
L0007895	L0007896	,
L0007897	L0007898	L0007899 , L0007900 , L0007901 , L0007902 ,
L0007903	L0007904	,
L0007905	L0007906	L0007907 , L0007908 , L0007909 , L0007910 ,
L0007911	L0007912	,
L0007913	L0007914	L0007915 , L0007916 , L0007917 , L0007918 ,

L0007919 , L0007920 ,  
 L0007921 , L0007922 , L0007923 , L0007924 , L0007925 , L0007926 ,  
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 L0007929 , L0007930 , L0007931 , L0007932 , L0007933 , L0007934 ,  
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 L0007937 , L0007938 , L0007939 , L0007940 , L0007941 , L0007942 ,  
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 L0007945 , L0007946 , L0007947 , L0007948 , L0007949 , L0007950 ,  
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 L0007961 , L0007962 , L0007963 , L0007964 , L0007965 , L0007966 ,  
 L0007967 , L0007968 ,  
 L0007969 , L0007970 , L0007971 , L0007972 , L0007973 , L0007974 ,  
 L0007975 , L0007976 ,

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 VALLEY\13594 OPS\1359 \*\*\* 07/19/23

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* SOURCE IDs DEFINED AS URBAN SOURCES \*\*\*

URBAN ID	URBAN POP	SOURCE IDs					
-----	-----	-----	-----	-----	-----	-----	-----
L0007977	L0007978	L0007979	L0007980	L0007981	L0007982		
L0007983	L0007984						
L0007985	L0007986	L0007987	L0007988	L0007989	L0007990		
L0007991	L0007992						
L0007993	L0007994	L0007995	L0007996	L0007997	L0007998		
L0007999	L0008000						
L0008001	L0008002	L0008003	L0008004	L0008005	L0008006		
L0008007	L0008008						
L0008009	L0008010	L0008011	L0008012	L0008013	L0008014		
L0008015	L0008016						
L0008017	L0008018	L0008019	L0008020	L0008021	L0008022		
L0008023	L0008024						
L0008025	L0008026	L0008027	L0008028	L0008029	L0008030		
L0008031	L0008032						
L0008033	L0008034	L0008035	L0008036	L0008037	L0008038		
L0008039	L0008040						
L0008041	L0008042	L0008043	L0008044	L0008045	L0008046		
L0008047	L0008048						
L0008049	L0008050	L0008051	L0008052	L0008053	L0008054		
L0008055	L0008056						

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L0008057 , L0008058 , L0008059 , L0008060 , L0008061 , L0008062 ,
L0008063 , L0008064 ,

L0008065 , L0008066 , L0008067 , L0008068 , L0008069 , L0008070 ,
L0008071 , L0008072 ,

L0008073 , L0008074 , L0008075 , L0008076 , L0008077 , L0008078 ,
L0008079 , L0008080 ,

L0008081 , L0008082 , L0008083 , L0008084 , L0008085 , L0008086 ,
L0008087 , L0008088 ,

L0008089 , L0008090 , L0008091 , L0008092 , L0008093 , L0008094 ,
L0008095 , L0008096 ,

L0008097 , L0008098 , L0008099 , L0008100 , L0008101 , L0008102 ,
L0008103 , L0008104 ,

L0008105 , L0008106 , L0008107 , L0008108 , L0008109 , L0008110 ,
L0008111 , L0008112 ,

L0008113 , L0008114 , L0008115 , L0008116 , L0008117 , L0008118 ,
L0008119 , L0008120 ,

L0008121 , L0008122 , L0008123 , L0008124 , L0008125 , L0008126 ,
L0008127 , L0008128 ,

L0008129 , L0008130 , L0008131 , L0008132 , L0008133 , L0008134 ,
L0008135 , L0008136 ,

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*** AERMOD - VERSION 22112 *** *** C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK
VALLEY\13594 OPS\1359 *** 07/19/23

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*** AERMET - VERSION 16216 ***
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* SOURCE IDs DEFINED AS URBAN SOURCES \*\*\*

URBAN ID	URBAN POP	SOURCE IDs					
-----	-----	-----	-----	-----	-----	-----	-----
L0008137	, L0008138	, L0008139	, L0008140	, L0008141	, L0008142	,	
L0008143	, L0008144	,					
L0008145	, L0008146	, L0008147	, L0008148	, L0008149	, L0008150	,	
L0008151	, L0008152	,					
L0008153	, L0008154	, L0008155	, L0008156	, L0008157	, L0008158	,	
L0008159	, L0008160	,					
L0008161	, L0008162	, L0008163	, L0008164	, L0008165	, L0008166	,	
L0008167	, L0008168	,					
L0008169	, L0008170	, L0008171	, L0008172	, L0008173	, L0008174	,	
L0008175	, L0008176	,					
L0008177	, L0008178	, L0008179	, L0008180	, L0008181	, L0008182	,	
L0008183	, L0008184	,					
L0008185	, L0008186	, L0008187	, L0008188	, L0008189	, L0008190	,	
L0008191	, L0008192	,					

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

( 496341.0, 3759079.4, 695.0, 707.0, 0.0);	( 496358.1, 3759095.6, 695.6, 707.0, 0.0);
( 496369.3, 3759106.8, 696.4, 707.0, 0.0);	( 496379.1, 3759119.0, 698.4, 707.0, 0.0);
( 496388.5, 3759129.6, 699.4, 707.0, 0.0);	( 496397.2, 3759143.4, 701.5, 707.0, 0.0);
( 496409.0, 3759156.5, 703.1, 707.0, 0.0);	( 496421.3, 3759166.3, 703.0, 842.0, 0.0);
( 496417.0, 3759183.1, 705.0, 705.0, 0.0);	( 496440.1, 3759209.9, 705.4, 842.0, 0.0);
( 496450.9, 3759221.0, 705.6, 842.0, 0.0);	( 496460.9, 3759229.0, 705.8, 843.0, 0.0);
( 496472.3, 3759236.4, 705.9, 843.0, 0.0);	( 496484.7, 3759243.1, 706.1, 843.0, 0.0);
( 496470.6, 3759296.4, 707.0, 843.0, 0.0);	( 496486.4, 3759314.5, 707.0, 843.0, 0.0);
( 496491.4, 3759328.9, 707.2, 843.0, 0.0);	( 496495.8, 3759344.0, 707.5, 843.0, 0.0);
( 496497.5, 3759358.8, 708.3, 843.0, 0.0);	( 496510.5, 3759394.6, 713.5, 843.0, 0.0);
( 496520.9, 3759399.0, 715.6, 843.0, 0.0);	( 496538.7, 3759406.0, 718.8, 843.0, 0.0);
( 496553.8, 3759407.4, 719.4, 843.0, 0.0);	( 496568.5, 3759412.7, 719.7, 843.0, 0.0);
( 496585.3, 3759415.8, 719.2, 843.0, 0.0);	( 496596.0, 3759421.1, 719.1, 844.0, 0.0);
( 496612.1, 3759423.1, 719.1, 858.0, 0.0);	( 496627.2, 3759427.5, 719.4, 858.0, 0.0);
( 496640.3, 3759432.8, 719.8, 858.0, 0.0);	( 496655.4, 3759435.5, 720.0, 858.0, 0.0);
( 496673.1, 3759439.9, 723.9, 858.0, 0.0);	( 496688.2, 3759442.6, 728.1, 843.0, 0.0);
( 496699.3, 3759446.6, 729.2, 843.0, 0.0);	( 496715.0, 3759453.0, 730.6, 843.0, 0.0);
( 496730.5, 3759455.3, 730.5, 858.0, 0.0);	( 495941.6, 3758882.3, 694.0, 723.0, 0.0);
( 495914.1, 3758939.3, 694.8, 723.0, 0.0);	( 495896.3, 3758929.9, 696.2, 723.0, 0.0);
( 495871.5, 3758934.6, 699.8, 709.0, 0.0);	( 495858.1, 3758949.4, 699.3, 709.0, 0.0);
( 495843.7, 3758964.8, 697.5, 709.0, 0.0);	( 495823.6, 3758974.9, 698.5, 709.0, 0.0);
( 495814.5, 3758982.6, 698.1, 710.0, 0.0);	( 495799.8, 3759009.1, 696.5, 710.0, 0.0);
( 495743.8, 3759027.5, 693.9, 712.0, 0.0);	( 495646.2, 3759021.8, 695.1, 712.0, 0.0);
( 496598.8, 3759646.9, 717.9, 893.0, 0.0);	( 496492.6, 3759723.0, 719.1, 858.0, 0.0);
( 496299.5, 3759737.0, 707.0, 844.0, 0.0);	( 496264.3, 3759750.9, 706.9, 844.0, 0.0);
( 496246.4, 3759816.2, 709.9, 844.0, 0.0);	( 496096.5, 3759815.1, 708.4, 843.0, 0.0);
( 496025.8, 3759849.9, 709.0, 843.0, 0.0);	( 496050.6, 3759849.9, 709.0, 843.0, 0.0);

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709.5,      843.0,      0.0);
( 496074.8, 3759851.6,      709.8,      843.0,      0.0); ( 496097.4, 3759853.6,
709.7,      843.0,      0.0);
( 496115.0, 3759855.0,      709.1,      843.0,      0.0); ( 495968.8, 3759877.5,
709.0,      843.0,      0.0);
( 495945.2, 3759890.6,      709.1,      843.0,      0.0); ( 495818.4, 3759902.9,
706.5,      706.5,      0.0);
( 495795.0, 3759897.2,      706.1,      706.1,      0.0); ( 495750.7, 3759967.0,
706.5,      774.0,      0.0);
( 495574.7, 3760037.4,      706.8,      774.0,      0.0); ( 495639.1, 3760059.2,
706.0,      774.0,      0.0);
( 495392.6, 3760053.8,      703.3,      774.0,      0.0); ( 495407.4, 3760063.5,
703.5,      774.0,      0.0);
( 495607.9, 3759027.2,      693.1,      712.0,      0.0); ( 497393.7, 3759162.9,
734.8,      905.0,      0.0);
( 497373.8, 3758814.8,      727.2,      893.0,      0.0); ( 497196.6, 3758608.5,
719.2,      719.2,      0.0);
( 496137.4, 3758639.1,      715.9,      721.0,      0.0); ( 496178.9, 3758611.8,
718.9,      718.9,      0.0);
( 496681.3, 3758518.6,      720.6,      720.6,      0.0); ( 496294.3, 3758539.6,
714.6,      719.0,      0.0);
( 496310.8, 3758526.0,      715.0,      719.0,      0.0); ( 496325.4, 3758514.7,
715.5,      719.0,      0.0);
( 496343.3, 3758499.1,      713.6,      719.0,      0.0); ( 496360.7, 3758482.6,
712.5,      719.0,      0.0);
( 496373.9, 3758471.3,      714.2,      716.0,      0.0); ( 496389.0, 3758461.9,
716.3,      716.3,      0.0);
( 496405.0, 3758449.7,      717.4,      717.4,      0.0); ( 496424.3, 3758440.7,
718.3,      718.3,      0.0);
( 496447.4, 3758421.4,      719.0,      731.0,      0.0); ( 495833.7, 3758795.5,
707.9,      718.0,      0.0);
( 495834.1, 3758774.3,      709.7,      718.0,      0.0); ( 495837.4, 3758755.0,
710.9,      718.0,      0.0);
( 495840.3, 3758735.2,      713.2,      718.0,      0.0); ( 495844.5, 3758714.5,
716.7,      718.0,      0.0);
( 495848.3, 3758697.1,      715.8,      718.0,      0.0); ( 495854.4, 3758679.6,
713.6,      718.0,      0.0);

```

\*\*\* AERMOD - VERSION 22112 \*\*\* C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK

VALLEY\13594 OPS\1359 \*\*\* 07/19/23

\*\*\* AERMET - VERSION 16216 \*\*\*

\*\*\*

\*\*\*

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* DISCRETE CARTESIAN RECEPTORS \*\*\*  
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)  
(METERS)

```

( 495875.6, 3758632.5,      708.1,      723.0,      0.0); ( 495885.5, 3758616.5,
709.0,      723.0,      0.0);
( 496260.8, 3759209.3,      701.1,      707.0,      0.0); ( 496298.4, 3759297.0,
705.1,      705.1,      0.0);
( 496388.5, 3759341.9,      706.1,      843.0,      0.0); ( 496694.2, 3759532.9,
724.8,      868.0,      0.0);
( 496828.6, 3759499.4,      733.0,      893.0,      0.0); ( 495364.4, 3760080.6,
703.3,      774.0,      0.0);
( 495377.2, 3760052.5,      703.1,      774.0,      0.0); ( 495244.0, 3759737.3,
692.6,      692.6,      0.0);
( 495252.8, 3759702.8,      692.0,      692.0,      0.0); ( 495586.3, 3759016.9,
690.1,      712.0,      0.0);
( 495316.8, 3758993.7,      682.9,      710.0,      0.0); ( 496355.8, 3759067.3,
695.0,      707.0,      0.0);
( 496365.3, 3759054.0,      695.2,      707.0,      0.0); ( 496385.2, 3759034.8,
695.5,      695.5,      0.0);
( 496406.7, 3759015.5,      696.1,      707.0,      0.0); ( 496414.2, 3758994.0,

```





Surface file:  
 RDLD\_V9\_ADJU\RDLD\_V9.SFC  
 Version: 16216  
 Profile file:  
 RDLD\_V9\_ADJU\RDLD\_V9.PFL  
 Surface format:  
 FREE

Met

Profile format:  
 FREE

Surface station no.: 3171  
 Name: UNKNOWN  
 UNKNOWN  
 Year: 2012

Upper air station no.: 3190  
 Name:  
 Year: 2012

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													
12	01	01	1	01	-10.6	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30		
110.	9.1	285.4	5.5														
12	01	01	1	02	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90		
130.	9.1	284.5	5.5														
12	01	01	1	03	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90		
100.	9.1	285.0	5.5														
12	01	01	1	04	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90		
107.	9.1	284.6	5.5														
12	01	01	1	05	-10.7	0.149	-9.000	-9.000	-999.	138.	26.7	0.32	3.22	1.00	1.30		
98.	9.1	284.9	5.5														
12	01	01	1	06	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90		
86.	9.1	284.5	5.5														
12	01	01	1	07	-5.0	0.102	-9.000	-9.000	-999.	78.	17.9	0.32	3.22	1.00	0.90		
91.	9.1	284.0	5.5														
12	01	01	1	08	-4.0	0.102	-9.000	-9.000	-999.	78.	22.9	0.32	3.22	0.54	0.90		
107.	9.1	285.0	5.5														
12	01	01	1	09	44.6	0.237	0.382	0.006	43.	276.	-25.6	0.15	3.22	0.33	2.10		
81.	10.1	289.1	5.5														
12	01	01	1	10	134.3	0.111	0.882	0.008	176.	99.	-1.0	0.32	3.22	0.26	0.40		
72.	9.1	295.1	5.5														
12	01	01	1	11	199.8	0.409	1.429	0.005	503.	627.	-29.4	0.15	3.22	0.23	3.68		
78.	10.1	297.9	5.5														
12	01	01	1	12	232.3	0.300	1.889	0.005	999.	402.	-10.0	0.32	3.22	0.22	1.80		
333.	9.1	299.4	5.5														
12	01	01	1	13	230.0	0.300	2.134	0.005	1453.	394.	-10.1	0.32	3.22	0.22	1.80		
72.	9.1	300.4	5.5														
12	01	01	1	14	194.0	0.294	2.109	0.005	1663.	382.	-11.2	0.32	3.22	0.24	1.80		
277.	9.1	301.0	5.5														
12	01	01	1	15	126.3	0.378	1.872	0.005	1784.	557.	-36.5	0.32	3.22	0.27	2.70		
243.	9.1	301.0	5.5														
12	01	01	1	16	39.5	0.199	1.278	0.005	1817.	240.	-17.2	0.32	3.22	0.36	1.30		
274.	9.1	300.1	5.5														
12	01	01	1	17	-4.7	0.101	-9.000	-9.000	-999.	85.	19.0	0.32	3.22	0.65	0.90		
252.	9.1	298.2	5.5														
12	01	01	1	18	-4.9	0.102	-9.000	-9.000	-999.	78.	18.2	0.32	3.22	1.00	0.90		
116.	9.1	296.4	5.5														
12	01	01	1	19	-18.8	0.204	-9.000	-9.000	-999.	220.	45.6	0.15	3.22	1.00	2.27		
79.	10.1	292.2	5.5														
12	01	01	1	20	-5.0	0.102	-9.000	-9.000	-999.	83.	18.1	0.32	3.22	1.00	0.90		
95.	9.1	290.2	5.5														
12	01	01	1	21	-5.0	0.102	-9.000	-9.000	-999.	78.	18.0	0.32	3.22	1.00	0.90		
99.	9.1	287.8	5.5														
12	01	01	1	22	-5.0	0.102	-9.000	-9.000	-999.	78.	18.0	0.32	3.22	1.00	0.90		
110.	9.1	287.6	5.5														
12	01	01	1	23	-10.6	0.149	-9.000	-9.000	-999.	138.	26.8	0.32	3.22	1.00	1.30		

89. 9.1 287.2 5.5  
 12 01 01 1 24 -5.0 0.102 -9.000 -9.000 -999. 78. 17.9 0.32 3.22 1.00 0.90  
 105. 9.1 285.9 5.5

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
12	01	01	01	5.5	0	-999.	-99.00	285.5	99.0	-99.00	-99.00
12	01	01	01	9.1	1	110.	1.30	-999.0	99.0	-99.00	-99.00

F indicates top of profile (=1) or below (=0)

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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL \*\*\*


INCLUDING SOURCE(S): L0006649 , L0006650 ,  
 L0006651 , L0006652 , L0006653 ,  
 L0006654 , L0006655 , L0006656 , L0006657 , L0006658 ,  
 L0006659 , L0006660 , L0006661 ,  
 L0006662 , L0006663 , L0006664 , L0006665 , L0006666 ,  
 L0006667 , L0006668 , L0006669 ,  
 L0006670 , L0006671 , L0006672 , L0006673 , L0006674 ,  
 L0006675 , L0006676 , . . .

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

\*\* CONC OF DPM IN MICROGRAMS/M\*\*

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)
496340.95	3759079.40	0.00580	496358.12	
3759095.64	0.00484			
496369.26	3759106.78	0.00455	496379.07	
3759119.00	0.00438			
496388.54	3759129.65	0.00427	496397.22	
3759143.45	0.00427			
496409.05	3759156.47	0.00422	496421.27	
3759166.33	0.00416			
496417.00	3759183.08	0.00436	496440.14	
3759209.90	0.00439			
496450.86	3759220.96	0.00440	496460.92	
3759229.01	0.00438			
496472.32	3759236.38	0.00434	496484.73	
3759243.09	0.00429			
496470.65	3759296.39	0.00537	496486.40	
3759314.50	0.00548			
496491.43	3759328.92	0.00573	496495.79	
3759344.00	0.00605			
496497.47	3759358.75	0.00652	496510.54	
3759394.63	0.00760			
496520.93	3759398.99	0.00726	496538.70	
3759406.03	0.00656			
496553.79	3759407.37	0.00602	496568.54	
3759412.73	0.00568			
496585.30	3759415.75	0.00530	496596.03	
3759421.11	0.00511			
496612.13	3759423.12	0.00473	496627.21	

3759427.48	0.00443		
496640.29	3759432.85	0.00420	496655.37
3759435.53	0.00394		
496673.14	3759439.89	0.00357	496688.23
3759442.57	0.00321		
496699.29	3759446.59	0.00305	496715.05
3759452.96	0.00286		
496730.47	3759455.31	0.00273	495941.60
3758882.35	0.00198		
495914.11	3758939.34	0.00223	495896.34
3758929.95	0.00215		
495871.53	3758934.65	0.00212	495858.12
3758949.40	0.00218		
495843.70	3758964.82	0.00224	495823.59
3758974.88	0.00225		
495814.54	3758982.59	0.00227	495799.78
3759009.07	0.00239		
495743.80	3759027.51	0.00234	495646.23
3759021.81	0.00203		
496598.80	3759646.86	0.00364	496492.60
3759723.05	0.00358		
496299.55	3759736.98	0.00681	496264.28
3759750.90	0.00701		
496246.41	3759816.23	0.00491	496096.51
3759815.09	0.00689		
496025.83	3759849.86	0.00608	496050.63
3759849.86	0.00581		
496074.85	3759851.57	0.00553	496097.36
3759853.57	0.00531		
496115.03	3759854.99	0.00518	495968.83
3759877.51	0.00538		
495945.18	3759890.62	0.00502	495818.36
3759902.87	0.00485		
495794.99	3759897.17	0.00500	495750.74
3759966.98	0.00375		
495574.71	3760037.40	0.00273	495639.08
3760059.19	0.00258		
495392.64	3760053.83	0.00224	495407.39
3760063.55	0.00218		
495607.89	3759027.21	0.00194	497393.72
3759162.94	0.00081		
497373.78	3758814.81	0.00069	497196.65
3758608.54	0.00084		
496137.44	3758639.11	0.00101	496178.88
3758611.79	0.00093		
496681.33	3758518.63	0.00138	496294.32
3758539.62	0.00096		
496310.81	3758525.97	0.00094	496325.41
3758514.66	0.00092		
496343.30	3758499.12	0.00095	496360.73
3758482.64	0.00096		
496373.91	3758471.34	0.00093	496388.98
3758461.92	0.00090		

 \*\*\* AERMOD - VERSION 22112 \*\*\*      \*\*\* C:\USERS\MICHAEL TIROHN\DESKTOP\HRAS\13594 OAK VALLEY\13594 OPS\1359 \*\*\*      07/19/23  
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\*\*\* MODELOPTs:      RegDFAULT      CONC      ELEV      URBAN      ADJ\_U\*

\*\*\* THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION      VALUES FOR  
 SOURCE GROUP: ALL      \*\*\*

INCLUDING SOURCE(S):      L0006649      ,      L0006650      ,  
    L0006651      ,      L0006652      ,      L0006653      ,  
 L0006654      ,      L0006655      ,      L0006656      ,      L0006657      ,      L0006658      ,

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L0006659 , L0006660 , L0006661 ,
L0006662 , L0006663 , L0006664 , L0006665 , L0006666 ,
L0006667 , L0006668 , L0006669 ,
L0006670 , L0006671 , L0006672 , L0006673 , L0006674 ,
L0006675 , L0006676 , . . . ,

```

\*\*\* 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				
496404.99	3758449.67	0.00089		496424.30	
3758440.73	0.00091				
496447.38	3758421.42	0.00101		495833.67	
3758795.49	0.00138				
495834.14	3758774.30	0.00128		495837.43	
3758754.99	0.00120				
495840.26	3758735.21	0.00110		495844.50	
3758714.49	0.00099				
495848.26	3758697.06	0.00098		495854.39	
3758679.64	0.00100				
495875.58	3758632.55	0.00105		495885.47	
3758616.53	0.00101				
496260.78	3759209.31	0.01062		496298.43	
3759297.02	0.01287				
496388.54	3759341.88	0.00884		496694.24	
3759532.90	0.00320				
496828.59	3759499.44	0.00202		495364.41	
3760080.59	0.00202				
495377.18	3760052.54	0.00224		495243.97	
3759737.26	0.00258				
495252.84	3759702.83	0.00241		495586.26	
3759016.90	0.00184				
495316.81	3758993.72	0.00120		496355.84	
3759067.33	0.00552				
496365.28	3759053.99	0.00560		496385.21	
3759034.77	0.00542				
496406.74	3759015.55	0.00521		496414.21	
3758994.02	0.00618				
496396.42	3759026.22	0.00523		496939.51	
3758981.79	0.00133				
495255.87	3760286.13	0.00132		495398.25	
3760167.62	0.00157				
495342.35	3760180.39	0.00153		495188.48	
3760431.37	0.00121				
495361.91	3760389.24	0.00100		495376.45	
3760371.99	0.00105				
495114.36	3760603.80	0.00109		495140.53	
3760603.80	0.00079				
494827.88	3761428.97	0.00030		494940.36	
3761394.47	0.00028				
494975.44	3761316.49	0.00029		494884.41	
3761201.12	0.00044				
495229.38	3760941.66	0.00038		496485.43	
3758210.45	0.00062				
496236.63	3758545.17				
0.00089					

\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

\*\*\* THE SUMMARY OF MAXIMUM PERIOD ( 43848 HRS) RESULTS  
\*\*\*

\*\* CONC OF DPM IN  
MICROGRAMS/M\*\*3 \*\*

NETWORK

GROUP ID NETWORK AVERAGE CONC RECEPTOR (XR, YR, ZELEV, ZHILL,

ZFLAG) OF TYPE GRID-ID

GROUP ID	NETWORK	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL,
ALL	1ST HIGHEST VALUE IS	0.01287 AT (	496298.43, 3759297.02, 705.14,
705.14,	0.00) DC		
	2ND HIGHEST VALUE IS	0.01062 AT (	496260.78, 3759209.31, 701.07,
	707.00, 0.00) DC		
	3RD HIGHEST VALUE IS	0.00884 AT (	496388.54, 3759341.88, 706.09,
	843.00, 0.00) DC		
	4TH HIGHEST VALUE IS	0.00760 AT (	496510.54, 3759394.63, 713.48,
	843.00, 0.00) DC		
	5TH HIGHEST VALUE IS	0.00726 AT (	496520.93, 3759398.99, 715.61,
	843.00, 0.00) DC		
	6TH HIGHEST VALUE IS	0.00701 AT (	496264.28, 3759750.90, 706.88,
	844.00, 0.00) DC		
	7TH HIGHEST VALUE IS	0.00689 AT (	496096.51, 3759815.09, 708.43,
	843.00, 0.00) DC		
	8TH HIGHEST VALUE IS	0.00681 AT (	496299.55, 3759736.98, 707.00,
	844.00, 0.00) DC		
	9TH HIGHEST VALUE IS	0.00656 AT (	496538.70, 3759406.03, 718.76,
	843.00, 0.00) DC		
	10TH HIGHEST VALUE IS	0.00652 AT (	496497.47, 3759358.75, 708.28,
	843.00, 0.00) DC		

\*\*\* RECEPTOR TYPES: GC = GRIDCART  
GP = GRIDPOLR  
DC = DISCCART  
DP = DISCPOLR

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\*\*\* AERMET - VERSION 16216 \*\*\*  
\*\*\*

\*\*\* 11:51:24

\*\*\* 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 2 Warning Message(s)  
A Total of 388 Informational Message(s)  
  
A Total of 43848 Hours Were Processed  
  
A Total of 191 Calm Hours Identified  
  
A Total of 197 Missing Hours Identified ( 0.45 Percent)

\*\*\*\*\* FATAL ERROR MESSAGES \*\*\*\*\*  
\*\*\* NONE \*\*\*

\*\*\*\*\* WARNING MESSAGES \*\*\*\*\*

ME W186	6083	MEOpen: THRESH_1MIN 1-min ASOS wind speed threshold used	0.50
ME W187	6083	MEOpen: ADJ_U* Option for Stable Low Winds used in AERMET	

\*\*\*\*\*  
\*\*\* AERMOD Finishes Successfully \*\*\*  
\*\*\*\*\*

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**APPENDIX 2.4:**  
**RISK CALCULATIONS**







## Operational Risk - Scenario 2

Receptor No.	Age Bin	DPM Conc. (µg/m³)	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 (MEISC)	4 to 13	0.00500	180	9.00	572	1	70	1.00	3	3.0E-04	1.1E+00	1.4E-06	0.57	5.0E+00	1.4E-03	1.0E-03		0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	
													Total												
													0.57												
2	-0.25 to 0	0.00689	350	0.25	361	1	70	0.85	10	3.0E-04	1.1E+00	2.4E-06	0.08	5.0E+00	1.4E-03	1.4E-03									
	0 to 2	0.00689	350	2	1090	1	70	0.85	10	3.0E-04	1.1E+00	7.2E-06	1.84	5.0E+00	1.4E-03	1.4E-03									
	2 to 16	0.00689	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	3.8E-06	1.71	5.0E+00	1.4E-03	1.4E-03									
	16 to 30	0.00689	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	1.7E-06	0.26	5.0E+00	1.4E-03	1.4E-03									
														Total											
													3.89												
3	-0.25 to 0	0.00701	350	0.25	361	1	70	0.85	10	3.0E-04	1.1E+00	2.4E-06	0.08	5.0E+00	1.4E-03	1.4E-03			0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	
	0 to 2	0.00701	350	2	1090	1	70	0.85	10	3.0E-04	1.1E+00	7.3E-06	1.87	5.0E+00	1.4E-03	1.4E-03									
	2 to 16	0.00701	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	3.8E-06	1.74	5.0E+00	1.4E-03	1.4E-03									
	16 to 30	0.00701	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	1.8E-06	0.27	5.0E+00	1.4E-03	1.4E-03									
														Total											
													3.96												
4	-0.25 to 0	0.00358	350	0.25	361	1	70	0.85	10	3.0E-04	1.1E+00	1.2E-06	0.04	5.0E+00	1.4E-03	7.2E-04									
	0 to 2	0.00358	350	2	1090	1	70	0.85	10	3.0E-04	1.1E+00	3.7E-06	0.95	5.0E+00	1.4E-03	7.2E-04									
	2 to 16	0.00358	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	2.0E-06	0.89	5.0E+00	1.4E-03	7.2E-04									
	16 to 30	0.00358	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	9.0E-07	0.14	5.0E+00	1.4E-03	7.2E-04									
														Total											
													2.02												
5	-0.25 to 0	0.00511	350	0.25	361	1	70	0.85	10	3.0E-04	1.1E+00	1.8E-06	0.06	5.0E+00	1.4E-03	1.0E-03									
	0 to 2	0.00511	350	2	1090	1	70	0.85	10	3.0E-04	1.1E+00	5.3E-06	1.36	5.0E+00	1.4E-03	1.0E-03									
	2 to 16	0.00511	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	2.8E-06	1.27	5.0E+00	1.4E-03	1.0E-03									
	16 to 30	0.00511	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	1.3E-06	0.20	5.0E+00	1.4E-03	1.0E-03									
														Total											
													2.89												
6 (MEIR)	-0.25 to 0	0.00760	350	0.25	361	1	70	0.85	10	3.0E-04	1.1E+00	2.6E-06	0.08	5.0E+00	1.4E-03	1.5E-03			0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	
	0 to 2	0.00760	350	2	1090	1	70	0.85	10	3.0E-04	1.1E+00	7.9E-06	2.03	5.0E+00	1.4E-03	1.5E-03									
	2 to 16	0.00760	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	4.2E-06	1.89	5.0E+00	1.4E-03	1.5E-03									
	16 to 30	0.00760	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	1.9E-06	0.29	5.0E+00	1.4E-03	1.5E-03									
														Total											
													4.29												
7	-0.25 to 0	0.00436	350	0.25	361	1	70	0.85	10	3.0E-04	1.1E+00	1.5E-06	0.05	5.0E+00	1.4E-03	8.7E-04									
	0 to 2	0.00436	350	2	1090	1	70	0.85	10	3.0E-04	1.1E+00	4.6E-06	1.16	5.0E+00	1.4E-03	8.7E-04									
	2 to 16	0.00436	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	2.4E-06	1.08	5.0E+00	1.4E-03	8.7E-04									
	16 to 30	0.00436	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	1.1E-06	0.17	5.0E+00	1.4E-03	8.7E-04									
														Total											
													2.46												
8	-0.25 to 0	0.00198	350	0.25	361	1	70	0.85	10	3.0E-04	1.1E+00	6.9E-07	0.02	5.0E+00	1.4E-03	4.0E-04									
	0 to 2	0.00198	350	2	1090	1	70	0.85	10	3.0E-04	1.1E+00	2.1E-06	0.53	5.0E+00	1.4E-03	4.0E-04									
	2 to 16	0.00198	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	1.1E-06	0.49	5.0E+00	1.4E-03	4.0E-04									
	16 to 30	0.00198	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	5.0E-07	0.08	5.0E+00	1.4E-03	4.0E-04									
														Total											
													1.12												
9	4 to 13	0.00224	180	9.00	572	1	70	1.00	3	3.0E-04	1.1E+00	6.3E-07	0.26	5.0E+00	1.4E-03	4.5E-04									
													Total												
													0.26												
10	4 to 13	0.00101	180	9.00	572	1	70	1.00	3	3.0E-04	1.1E+00	2.8E-07	0.12	5.0E+00	1.4E-03	2.0E-04									
													Total												
													0.12												
11 (MEIW)	16 to 41	0.00138	250	25	230	1	70	1.00	1	3.0E-04	1.1E+00	2.2E-07	0.08	5.0E+00	1.4E-03	2.8E-04									
													Total												
													0.08												
FUT1	-0.25 to 0	0.00364	350	0.25	361	1	70	0.85	10	3.0E-04	1.1E+00	1.3E-06	0.04	5.0E+00	1.4E-03	7.3E-04									
	0 to 2	0.00364	350	2	1090	1	70	0.85	10	3.0E-04	1.1E+00	3.8E-06	0.97	5.0E+00	1.4E-03	7.3E-04									
	2 to 16	0.00364	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	2.0E-06	0.91	5.0E+00	1.4E-03	7.3E-04									
	16 to 30	0.00364	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	9.1E-07	0.14	5.0E+00	1.4E-03	7.3E-04									
														Total											
													2.06												
FUT2	-0.25 to 0	0.00320	350	0.25	361	1	70	0.85	10	3.0E-04	1.1E+00	1.1E-06	0.04	5.0E+00	1.4E-03	6.4E-04									
	0 to 2	0.00320	350	2	1090	1	70	0.85	10	3.0E-04	1.1E+00	3.3E-06	0.85	5.0E+00	1.4E-03	6.4E-04									
	2 to 16	0.00320	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	1.8E-06	0.80	5.0E+00	1.4E-03										

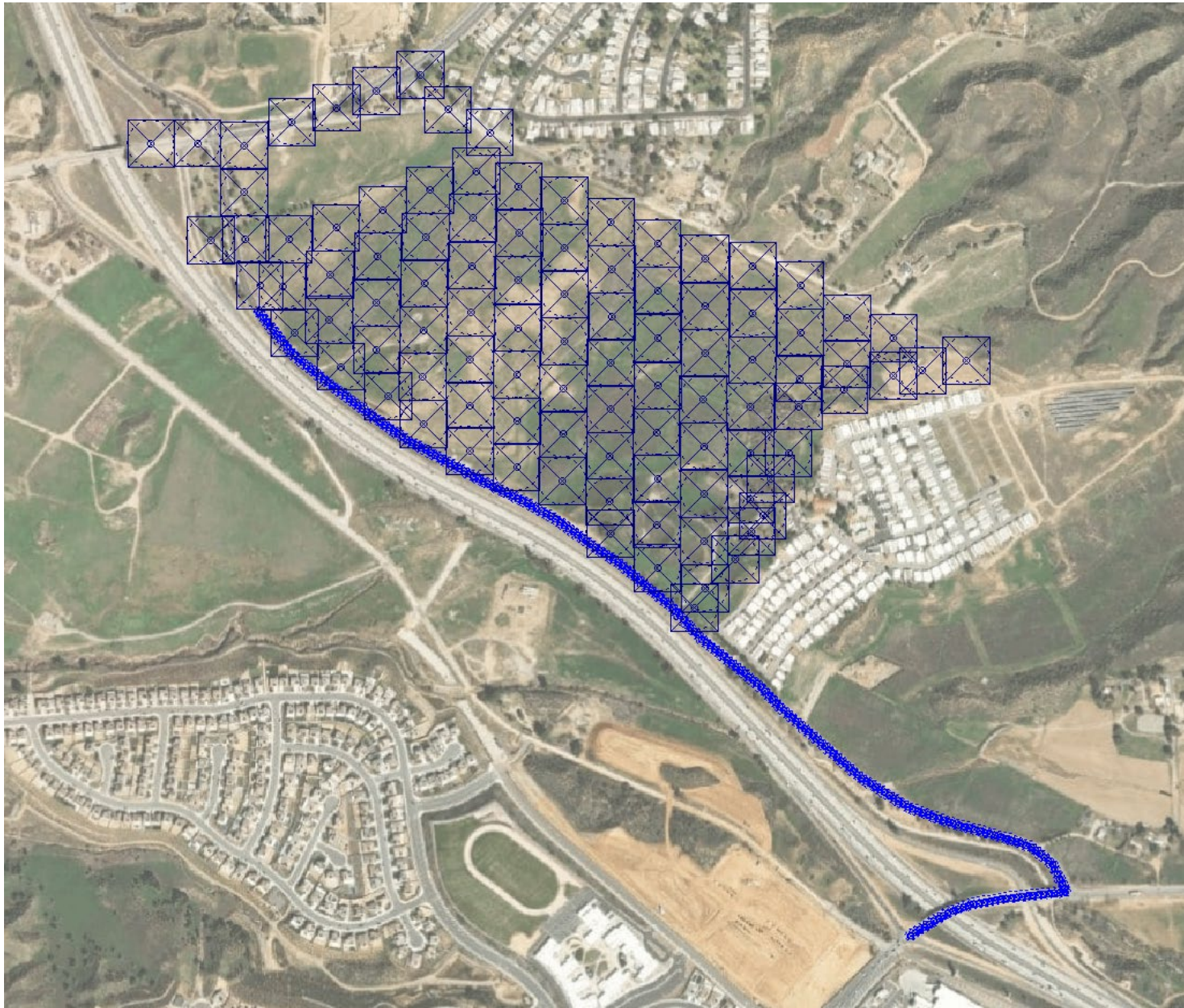


Combined Construction and Operational Risk - Scenario 2

Receptor No.	Age Bin	DPM Conc. (µg/m³)	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 (MEISC)	4 to 13	0.01981	180	2.24	572	1	70	1.00	3	3.0E-04	1.1E+00	5.6E-06	0.56	5.0E+00	1.4E-03	4.0E-03								
	4 to 13	0.00500	180	6.76	572	1	70	1.00	3	3.0E-04	1.1E+00	1.4E-06	0.43	5.0E+00	1.4E-03	1.0E-03								
Total													0.99			4.0E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00		
2	0 to 2	0.01595	250	2.00	1090	1	70	1.00	10	3.0E-04	1.1E+00	1.2E-05	3.57	5.0E+00	1.4E-03	3.2E-03								
	2 to 16	0.01595	89	0.24	572	1	70	1.00	3	3.0E-04	1.1E+00	2.2E-06	0.02	5.0E+00	1.4E-03	3.2E-03								
	2 to 16	0.00689	350	13.76	572	1	70	0.72	3	3.0E-04	1.1E+00	3.8E-06	1.68	5.0E+00	1.4E-03	1.4E-03								
	16 to 30	0.00689	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	1.7E-06	0.26	5.0E+00	1.4E-03	1.4E-03								
Total													5.55			9.1E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	
3	0 to 2	0.01278	250	2.00	1090	1	70	1.00	10	3.0E-04	1.1E+00	9.5E-06	2.86	5.0E+00	1.4E-03	2.6E-03								
	2 to 16	0.01278	89	0.24	572	1	70	1.00	3	3.0E-04	1.1E+00	1.8E-06	0.02	5.0E+00	1.4E-03	2.6E-03								
	2 to 16	0.00701	350	13.76	572	1	70	0.72	3	3.0E-04	1.1E+00	3.8E-06	1.71	5.0E+00	1.4E-03	1.4E-03								
	16 to 30	0.00701	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	1.8E-06	0.27	5.0E+00	1.4E-03	1.4E-03								
Total													4.86			7.9E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	
4	0 to 2	0.00697	250	2.00	1090	1	70	1.00	10	3.0E-04	1.1E+00	5.2E-06	1.56	5.0E+00	1.4E-03	1.4E-03								
	2 to 16	0.00697	89	0.24	572	1	70	1.00	3	3.0E-04	1.1E+00	9.7E-07	0.01	5.0E+00	1.4E-03	1.4E-03								
	2 to 16	0.00358	350	13.76	572	1	70	0.72	3	3.0E-04	1.1E+00	2.0E-06	0.88	5.0E+00	1.4E-03	7.2E-04								
	16 to 30	0.00358	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	9.0E-07	0.14	5.0E+00	1.4E-03	7.2E-04								
Total													2.58			4.2E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	
5	0 to 2	0.01793	250	2.00	1090	1	70	1.00	10	3.0E-04	1.1E+00	1.3E-05	4.02	5.0E+00	1.4E-03	3.6E-03								
	2 to 16	0.01793	89	0.24	572	1	70	1.00	3	3.0E-04	1.1E+00	2.5E-06	0.03	5.0E+00	1.4E-03	3.6E-03								
	2 to 16	0.00511	350	13.76	572	1	70	0.72	3	3.0E-04	1.1E+00	2.8E-06	1.25	5.0E+00	1.4E-03	1.0E-03								
	16 to 30	0.00511	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	1.3E-06	0.20	5.0E+00	1.4E-03	1.0E-03								
Total													5.49			9.2E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	
6 (MEIR)	0 to 2	0.02224	250	2.00	1090	1	70	1.00	10	3.0E-04	1.1E+00	1.7E-05	4.98	5.0E+00	1.4E-03	4.4E-03								
	2 to 16	0.02224	89	0.24	572	1	70	1.00	3	3.0E-04	1.1E+00	3.1E-06	0.03	5.0E+00	1.4E-03	4.4E-03								
	2 to 16	0.00760	350	13.76	572	1	70	0.72	3	3.0E-04	1.1E+00	4.2E-06	1.86	5.0E+00	1.4E-03	1.5E-03								
	16 to 30	0.00760	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	1.9E-06	0.29	5.0E+00	1.4E-03	1.5E-03								
Total													7.16			1.2E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	
7	0 to 2	0.02029	250	2.00	1090	1	70	1.00	10	3.0E-04	1.1E+00	1.5E-05	4.54	5.0E+00	1.4E-03	4.1E-03								
	2 to 16	0.02029	89	0.24	572	1	70	1.00	3	3.0E-04	1.1E+00	2.8E-06	0.03	5.0E+00	1.4E-03	4.1E-03								
	2 to 16	0.00436	350	13.76	572	1	70	0.72	3	3.0E-04	1.1E+00	2.4E-06	1.07	5.0E+00	1.4E-03	8.7E-04								
	16 to 30	0.00436	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	1.1E-06	0.17	5.0E+00	1.4E-03	8.7E-04								
Total													5.81			9.9E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	
8	0 to 2	0.00142	250	2.00	1090	1	70	1.00	10	3.0E-04	1.1E+00	1.1E-06	0.32	5.0E+00	1.4E-03	2.8E-04								
	2 to 16	0.00142	89	0.24	572	1	70	1.00	3	3.0E-04	1.1E+00	2.0E-07	0.00	5.0E+00	1.4E-03	2.8E-04								
	2 to 16	0.00198	350	13.76	572	1	70	0.72	3	3.0E-04	1.1E+00	1.1E-06	0.48	5.0E+00	1.4E-03	4.0E-04								
	16 to 30	0.00198	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	5.0E-07	0.08	5.0E+00	1.4E-03	4.0E-04								
Total													0.88			1.4E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	
9	4 to 13	0.00155	180	2.24	572	1	70	1.00	3	3.0E-04	1.1E+00	4.4E-07	0.04	5.0E+00	1.4E-03	3.1E-04								
	4 to 13	0.00224	180	6.76	572	1	70	1.00	3	3.0E-04	1.1E+00	6.3E-07	0.19	5.0E+00	1.4E-03	4.5E-04								
Total													0.24			3.1E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	
10	4 to 13	0.00084	180	2.24	572	1	70	1.00	3	3.0E-04	1.1E+00	2.4E-07	0.02	5.0E+00	1.4E-03	1.7E-04								
	4 to 13	0.00101	180	6.76	572	1	70	1.00	3	3.0E-04	1.1E+00	2.8E-07	0.09	5.0E+00	1.4E-03	2.0E-04								
Total													0.11			1.7E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	
11 (MEIW)	16 to 41	0.00118	250	2.24	230	1	70	1.00	1	3.0E-04	1.1E+00	1.9E-07	0.01	5.0E+00	1.4E-03	2.4E-04								
	16 to 41	0.00138	250	22.76	230	1	70	1.00	1	3.0E-04	1.1E+00	2.2E-07	0.07	5.0E+00	1.4E-03	2.8E-04								
Total													0.08			2.4E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	
FUT1	0 to 2	0.00853	250	2.00	1090	1	70	1.00	10	3.0E-04	1.1E+00	6.4E-06	1.91	5.0E+00	1.4E-03	1.7E-03								
	2 to 16	0.00853	89	0.24	572	1	70	1.00	3	3.0E-04	1.1E+00	1.2E-06	0.01	5.0E+00	1.4E-03	1.7E-03								
	2 to 16	0.00364	350	13.76	572	1	70	0.72	3	3.0E-04	1.1E+00	2.0E-06	0.89	5.0E+00	1.4E-03	7.3E-04								
	16 to 30	0.00364	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	9.1E-07	0.14	5.0E+00	1.4E-03	7.3E-04								
Total													2.95			4.9E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	
FUT2	0 to 2	0.01818	250	2.00	1090	1	70	1.00	10	3.0E-04	1.1E+00	1.4E-05	4.07	5.0E+00	1.4E-03	3.6E-03								
	2 to 16	0.01818	89	0.24	572	1	70	1.00	3	3.0E-04	1.1E+00	2.5E-06	0.03	5.0E+00	1.4E-03	3.6E-03								
	2 to 16	0.00320	350	13.76	572	1	70	0.72	3	3.0E-04	1.1E+00	1.8E-06	0.78	5.0E+00	1.4E-03	6.4E-04								
	16 to 30	0.00320	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	8.0E-07	0.12	5.0E+00	1.4E-03	6.4E-04								
Total													5.00			8.6E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	
FUT3	0 to 2	0.00581	250	2.00	1090	1	70	1.00	10	3.0E-04	1.1E+00	4.3E-06	1.30	5.0E+00	1.4E-03	1.2E-03								
	2 to 16	0.00581	89	0.24	572	1	70	1.00	3	3.0E-04	1.1E+00	8.1E-07	0.01	5.0E+00	1.4E-03	1.2E-03								
	2 to 16	0.00202	350	13.76	572	1	70	0.72	3	3.0E-04	1.1E+00													

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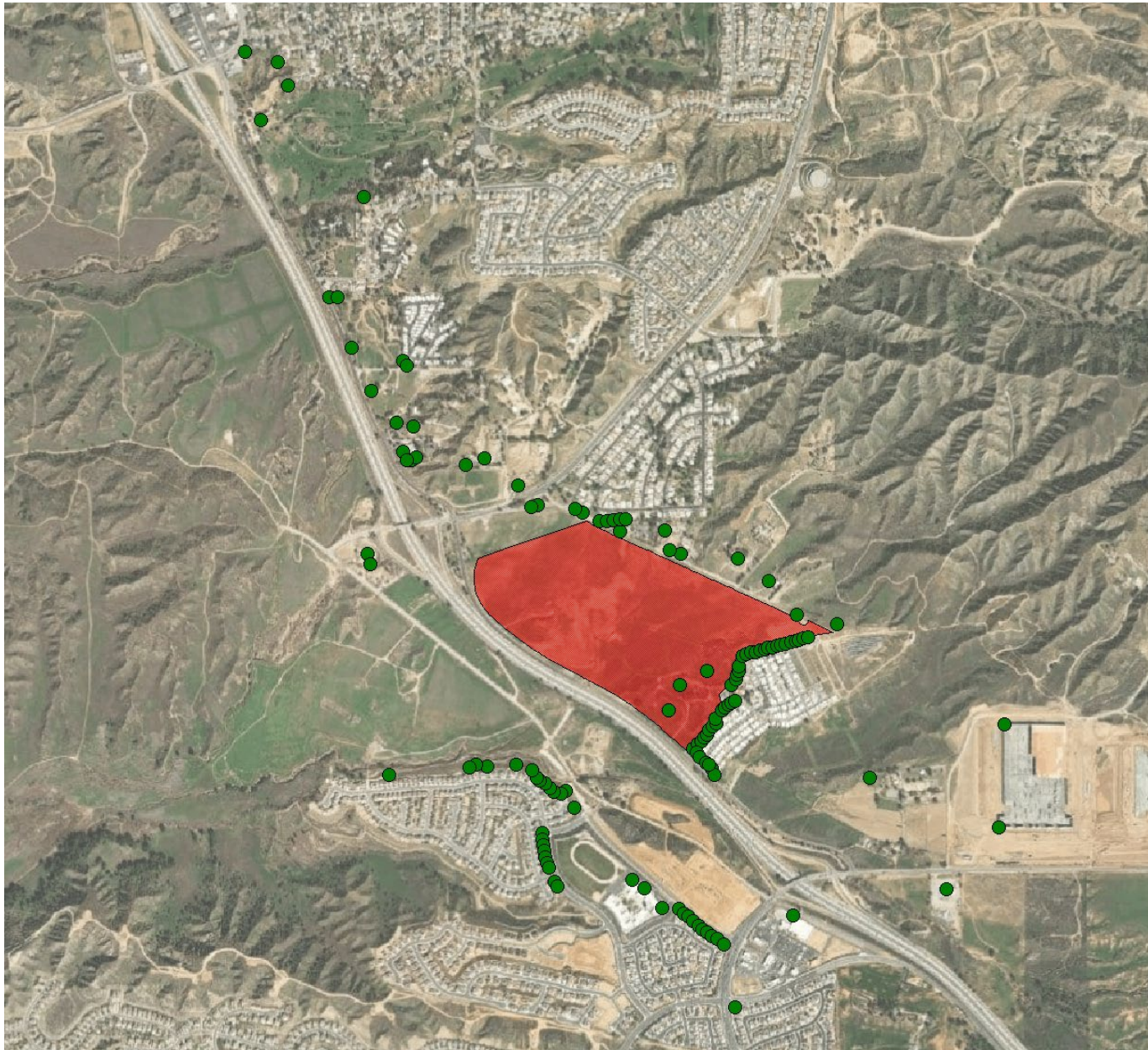
**APPENDIX 2.5:**  
**MODELED CONSTRUCTION SOURCES**





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**APPENDIX 2.6:**  
**MODELED RECEPTORS**



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