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**Nevada Street Warehouse  
(PROJ-2022-00012)  
MOBILE SOURCE HEALTH RISK ASSESSMENT  
COUNTY OF SAN BERNARDINO**

PREPARED BY:

Haseeb Qureshi  
hqureshi@urbanxroads.com

Michael Tirohn  
mtirohn@urbanxroads.com

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## **LIST OF ABBREVIATED TERMS**

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

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## EXECUTIVE SUMMARY

This report evaluates the potential mobile-source emissions health risk impacts associated with the development of the proposed Project. More specifically, potential health risk impacts that could result from exposure to Toxic Air Contaminants (TACs), in this case, diesel particulate matter (DPM) generated by heavy-duty diesel trucks accessing the site. This section summarizes the significance criteria and Project health risks.

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

### CONSTRUCTION IMPACTS

The land use with the greatest potential exposure to Project construction-source DPM emissions is Location R2 which is located approximately 6,666 feet east of the Project site at an existing residence located at 2045 Citron Court. R2 is placed in the private outdoor living areas (backyard) facing the Project site. At the maximally exposed individual resident (MEIR), the maximum incremental cancer risk attributable to Project construction-source DPM emissions is estimated at 0.03 in one million, which is less than the SCAQMD's significance threshold of 10 in one million. At this same location, non-cancer risks were estimated to be <0.01, which would not exceed the applicable threshold of 1.0. As such, the Project will not cause a significant human health or cancer risk to adjacent land uses as a result of Project construction activity. All other receptors during construction activity would experience less risk than what is identified for this location. The nearest modeled receptors are illustrated on Exhibit 2-D.

### OPERATIONAL IMPACTS

#### Residential Exposure Scenario:

The residential land use with the greatest potential exposure to Project operational-source DPM emissions is Location R2 which is located approximately 6,666 feet east of the Project site at an existing residence located at 2045 Citron Court. R2 is placed at the building façade facing the Project site. At the MEIR, the maximum incremental cancer risk attributable to Project operational-source DPM emissions is estimated at 0.04 in one million, which is less than the SCAQMD's significance threshold of 10 in one million. At this same location, non-cancer risks were estimated to be <0.01, which would not exceed the applicable significance threshold of 1.0. Because all other modeled residential receptors are exposed to lesser concentrations and are located at a greater distance from the Project site than the MEIR analyzed herein, and TACs generally dissipates with distance from the source, all other residential receptors in the vicinity of the Project site would be exposed to less emissions and therefore less risk than the MEIR identified herein. As such, the Project will not cause a significant human health or cancer risk to nearby residences. The nearest 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 R7, which represents the adjacent potential worker receptor approximately 191 feet south of the Project site. At the maximally exposed individual worker (MEIW), the maximum incremental cancer risk impact is 0.10 in one million which is less than the SCAQMD's threshold of 10 in one million. Maximum non-cancer risks at this same location were estimated to be <0.01, which would not exceed the applicable significance threshold of 1.0. Because all other modeled worker receptors 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 nearest modeled receptors are illustrated on Exhibit 2-D.

School Child Exposure Scenario:

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 California Air Resources Board (CARB) 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 (1).

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

A one-quarter mile radius, or 1,320 feet, is commonly utilized for identifying sensitive receptors, such as schools, that may be impacted by a proposed project. This radius is more robust than, and therefore provides a more health protective scenario for evaluation than the 1,000-foot impact radius identified above.

There are no schools within ¼ mile of the Project site. The nearest school is Packinghouse Christian Academy, which is located approximately 3,396 feet south of the Project site. At the maximally exposed individual school child (MEISC), the maximum incremental cancer risk impact attributable to the Project is calculated to be 0.18 in one million, which is less than the significance threshold of 10 in one million. At this same location, non-cancer risks attributable to the Project were calculated to be <0.01, which would not exceed the applicable significance threshold of 1.0. As such, the Project will not cause a significant human health or cancer risk to nearby school children.

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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.



**CONSTRUCTION AND OPERATIONAL IMPACTS**

The land use with the greatest potential increased cancer risk due to exposure to Project construction-source and operational-source DPM emissions is Location R2. At this location, the maximum incremental cancer risk attributable to Project construction and operational DPM source emissions is estimated at 0.05 in one million, which is less than the threshold of 10 in one million. At this same location, non-cancer risks were estimated to be <0.01, which would not exceed the applicable threshold of 1.0. As such, the Project will not cause a significant human health or cancer risk to adjacent land uses as a result of Project construction and operational activity. All other receptors during construction and operational activity would experience less risk than what is identified for this location. The nearest modeled receptors are illustrated on Exhibit 2-D.

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

Time Period	Location	Maximum Lifetime Cancer Risk (Risk per Million)	Significance Threshold (Risk per Million)	Exceeds Significance Threshold
0.88 Year Exposure	Maximum Exposed Sensitive Receptor	0.03	10	NO
Time Period	Location	Maximum Hazard Index	Significance Threshold	Exceeds Significance Threshold
Annual Average	Maximum Exposed Sensitive Receptor	≤0.01	1.0	NO

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

Time Period	Location	Maximum Lifetime Cancer Risk (Risk per Million)	Significance Threshold (Risk per Million)	Exceeds Significance Threshold
30 Year Exposure	Maximum Exposed Sensitive Receptor	0.04	10	NO
25 Year Exposure	Maximum Exposed Worker Receptor	0.10	10	NO
9 Year Exposure	Maximum Exposed Individual School Child	0.18	10	NO
Time Period	Location	Maximum Hazard Index	Significance Threshold	Exceeds Significance Threshold
Annual Average	Maximum Exposed Sensitive Receptor	≤0.01	1.0	NO
Annual Average	Maximum Exposed Worker Receptor	≤0.01	1.0	NO
Annual Average	Maximum Exposed Individual School Child	≤0.01	1.0	NO

**TABLE ES-3: SUMMARY OF CONSTRUCTION AND OPERATIONAL CANCER AND NON-CANCER RISKS**

Time Period	Location	Maximum Lifetime Cancer Risk (Risk per Million)	Significance Threshold (Risk per Million)	Exceeds Significance Threshold
30 Year Exposure	Maximum Exposed Sensitive Receptor	0.05	10	NO
Time Period	Location	Maximum Hazard Index	Significance Threshold	Exceeds Significance Threshold
Annual Average	Maximum Exposed Sensitive Receptor	≤0.01	1.0	NO

# 1 INTRODUCTION

The South Coast Air Quality Management District (SCAQMD) typically issues a comment letter on the Notice of Preparation of a CEQA Document. Per the SCAQMD's typical comment letter, if a proposed Project is expected to generate/attract diesel trucks, which emit diesel particulate matter (DPM) or other Toxic Air Contaminants (TACs), preparation of a HRA is necessary. This document serves to meet the SCAQMD's request for preparation of a HRA. This HRA has been prepared in accordance with the document Health Risk Assessment Guidance for Analyzing Cancer Risk from Mobile Source Diesel Idling Emissions for CEQA Air Quality Analysis (2) 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 (3)*. In this report the AQMD states (Page D-3):

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

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

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

## **1.1 SITE LOCATION**

The proposed project is located north of Palmetto Avenue and east of Nevada Street in the County of San Bernardino, as shown on Exhibit 1-A.

## **1.2 PROJECT DESCRIPTION**

The proposed Project includes the development of 380,579 square feet (sf) of warehouse use within a single building, as shown on Exhibit 1-B. It is anticipated that the Project would be developed in a single phase with an anticipated Opening Year of 2024. The proposed Project is expected to generate approximately 812 total trips per day (406 vehicles inbound + 406 vehicles outbound) which include 630 total passenger vehicle trips per day (315 passenger vehicles inbound + 315 passenger vehicles outbound) and 182 total truck trips per day (91 trucks inbound + 91 trucks outbound) (4).

**EXHIBIT 1-A: LOCATION MAP**

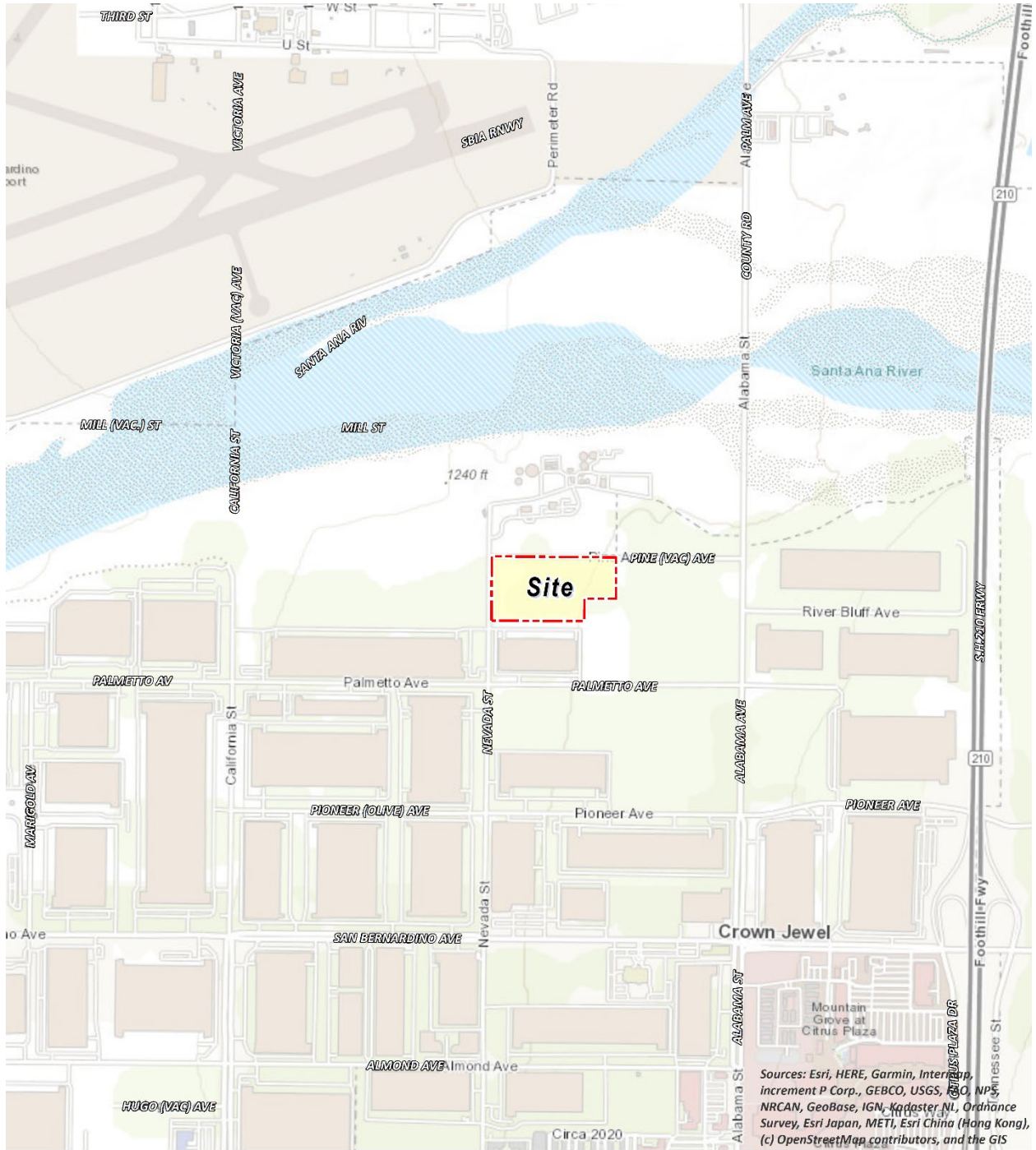
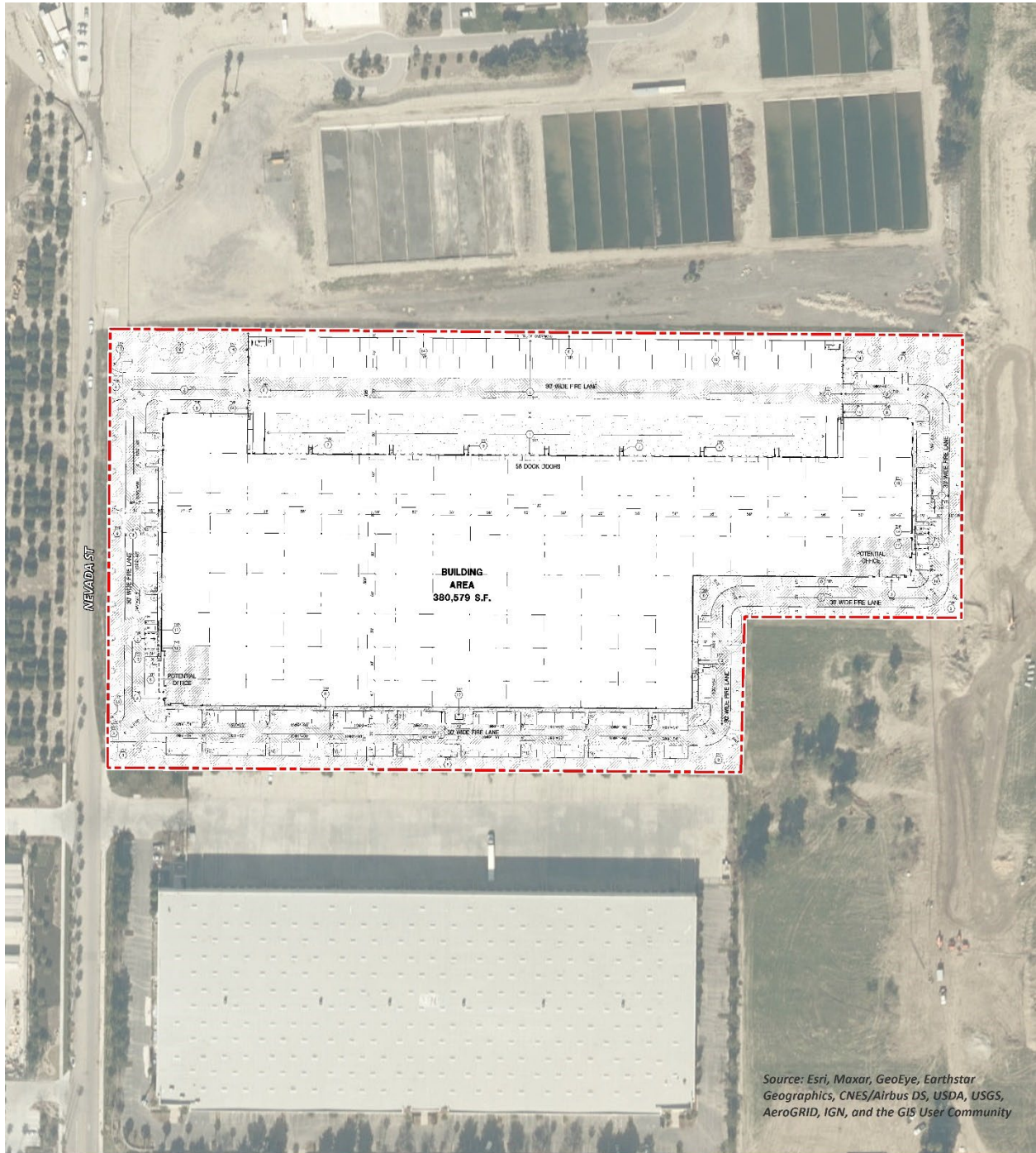


EXHIBIT 1-B: SITE PLAN



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

**LEGEND:**  
N [North Arrow] Site Boundary

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## 2 BACKGROUND

### 2.1 BACKGROUND ON RECOMMENDED METHODOLOGY

This HRA is based on SCAQMD 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 under the unmitigated scenario, and this is an overestimation of actual idling times and thus conservative.<sup>2</sup> The California Air Resources Board (CARB's) anti-idling requirements impose a 5-minute maximum idling time and therefore the analysis conservatively overestimates DPM emissions from idling by a factor of 3.

### 2.2 CONSTRUCTION HEALTH RISK ASSESSMENT

#### 2.2.1 EMISSIONS CALCULATIONS

The emissions calculations for the construction HRA component are based on an assumed mix of construction equipment and hauling activity as presented in the *Nevada Street Warehouse Air Quality Impact Analysis* ("technical study") prepared by Urban Crossroads, Inc. (5)

Construction related DPM emissions are expected to occur primarily as a function of heavy-duty construction equipment that would be operating on-site. DPM emissions resulting from construction activity were obtained from the CalEEMod emission outputs for PM<sub>10</sub> exhaust.

As discussed in the technical study, the Project would result in approximately 231 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 and modeled emission rates are presented in Appendix 2.1. The modeled emission sources for construction activity are illustrated on Exhibit 2-A.

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



**TABLE 2-1: CONSTRUCTION DURATION**

Construction Activity	Start Date	End Date	Days
Site Preparation	06/01/2023	06/02/2023	2
Grading	06/03/2023	07/14/2023	30
Building Construction	07/15/2023	04/19/2024	200
Paving	04/06/2024	04/19/2024	10
Architectural Coating	02/24/2023	04/19/2024	40


**TABLE 2-2: CONSTRUCTION EQUIPMENT ASSUMPTIONS**

Construction Activity	Equipment	Amount	Hours Per Day
Site Preparation	Rubber Tired Dozers	1	8
Grading	Crawler Tractors	1	8
	Excavators	1	8
	Rubber Tired Dozers	1	8
	Scrapers	4	8
Building Construction	Cranes	1	8
	Forklifts	2	8
	Generator Sets	1	8
	Tractors/Loaders/Backhoes	2	8
	Welders	2	8
Paving	Pavers	1	8
	Paving Equipment	1	8
	Rollers	2	8
Architectural Coating	Air Compressors	1	8

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



**LEGEND:**

 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 (6). The most recent version of this model, EMFAC 2021, incorporates regional motor vehicle data, information and estimates regarding the distribution of vehicle miles traveled (VMT) by speed, and number of starts per day.

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

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

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

Calculated emission factors are shown at Table 2-3. As a conservative measure, a 2024 EMFAC 2021 run was conducted and a static 2024 emissions factor data set was used for the entire duration of analysis herein (e.g., 30 years). Use of 2024 emission factors would overstate potential impacts since this approach assumes that emission factors remain “static” and do not change over time due to fleet turnover or cleaner technology with lower emissions that would be incorporated into vehicles after 2024. Additionally, based on EMFAC 2021, Light-Heavy-Duty Trucks are comprised of 51.2% diesel, Medium-Heavy-Duty Trucks are comprised of 91.1% diesel, and Heavy-Heavy-Duty Trucks are comprised of 85.2% diesel. Trucks fueled by diesel are accounted for by these percentages accordingly in the emissions factor generation. Appendix 2.2 includes additional details on the emissions estimates from EMFAC.

The vehicle DPM exhaust emissions were calculated for running exhaust emissions. The running exhaust emissions were calculated by applying the running exhaust PM<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 (7):

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

Where:

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

$\text{EF}_{\text{RunExhaust}}$  (g/VMT): EMFAC running exhaust PM<sub>10</sub> emission factor at speed A;

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

Similar to off-site traffic, on-site vehicle running emissions were calculated by applying the running exhaust PM<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 (7):

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

Where:

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

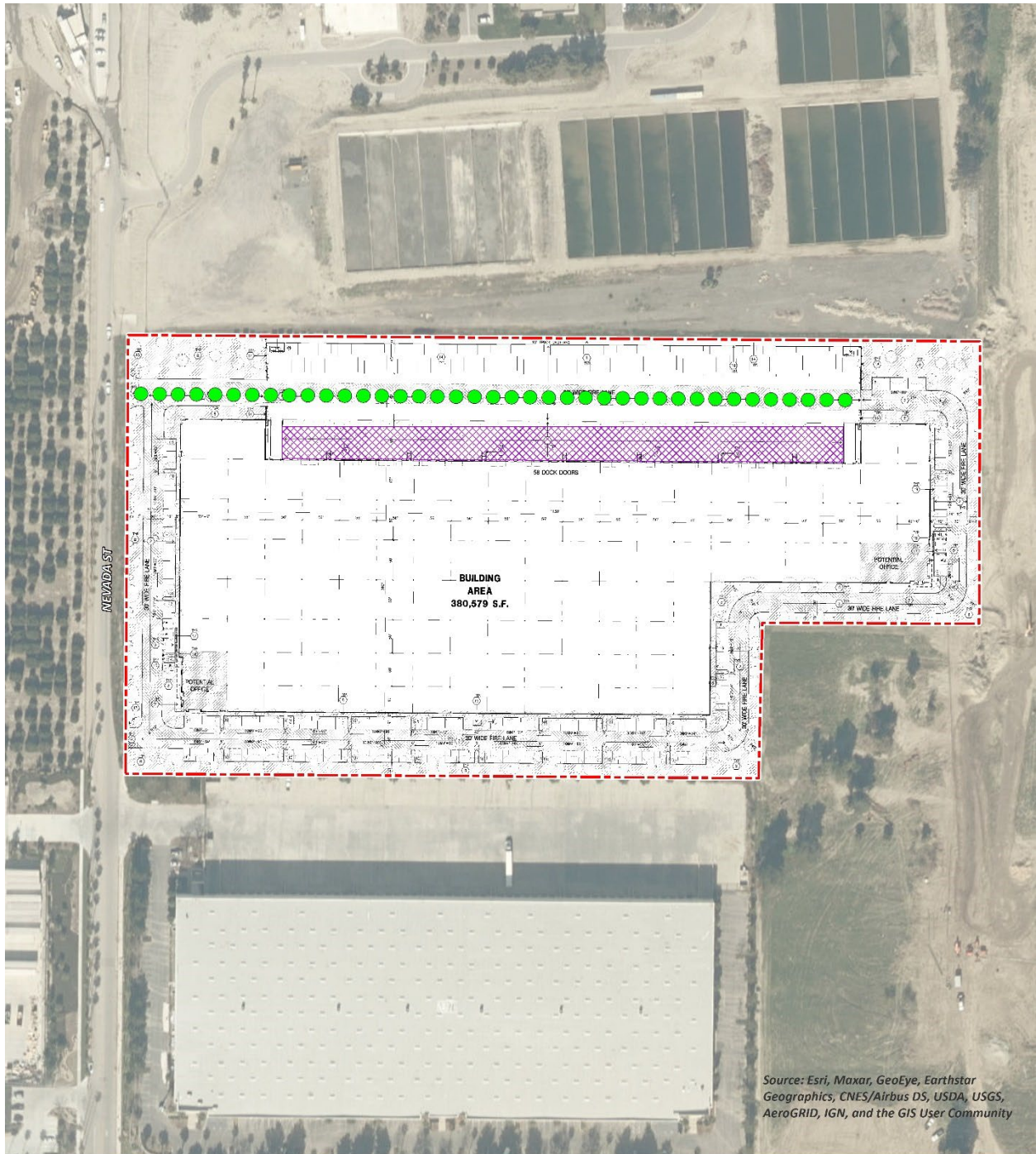
$\text{EF}_{\text{idle}}$  (g/s): EMFAC idle exhaust PM<sub>10</sub> emission factor.

**TABLE 2-3: 2024 WEIGHTED AVERAGE DPM EMISSIONS FACTORS**

Speed	Weighted Average
0 (idling)	0.08978 (g/idle-hr)
5 (on-site)	0.02019 (g/s)
25 (off-site)	0.00900 (g/s)

Each roadway was modeled as a line source (made up of multiple adjacent volume sources). Due to the large number of volume sources modeled for this analysis, the corresponding coordinates of each volume source have not been included in this report but are included in Appendix 2.3. The DPM emission rate for each volume source was calculated by multiplying the emission factor (based on the average travel speed along the roadway) by the number of trips and the distance traveled along each roadway segment and dividing the result by the number of volume sources along that roadway, as illustrated on Table 2-4. The modeled emission sources are illustrated on Exhibit 2-B for on-site sources and Exhibit 2-C for off-site sources. The modeling domain is limited to the Project’s primary truck route and includes off-site sources in the study area for more than ¼ mile. This modeling domain is more inclusive and conservative than using only a ¼ mile modeling domain which is the distance supported by several reputable studies which conclude that the greatest potential risks occur within a ¼ mile of the primary source of emissions (1) (in the case of the Project, the primary source of emissions is the on-site idling and on-site travel).

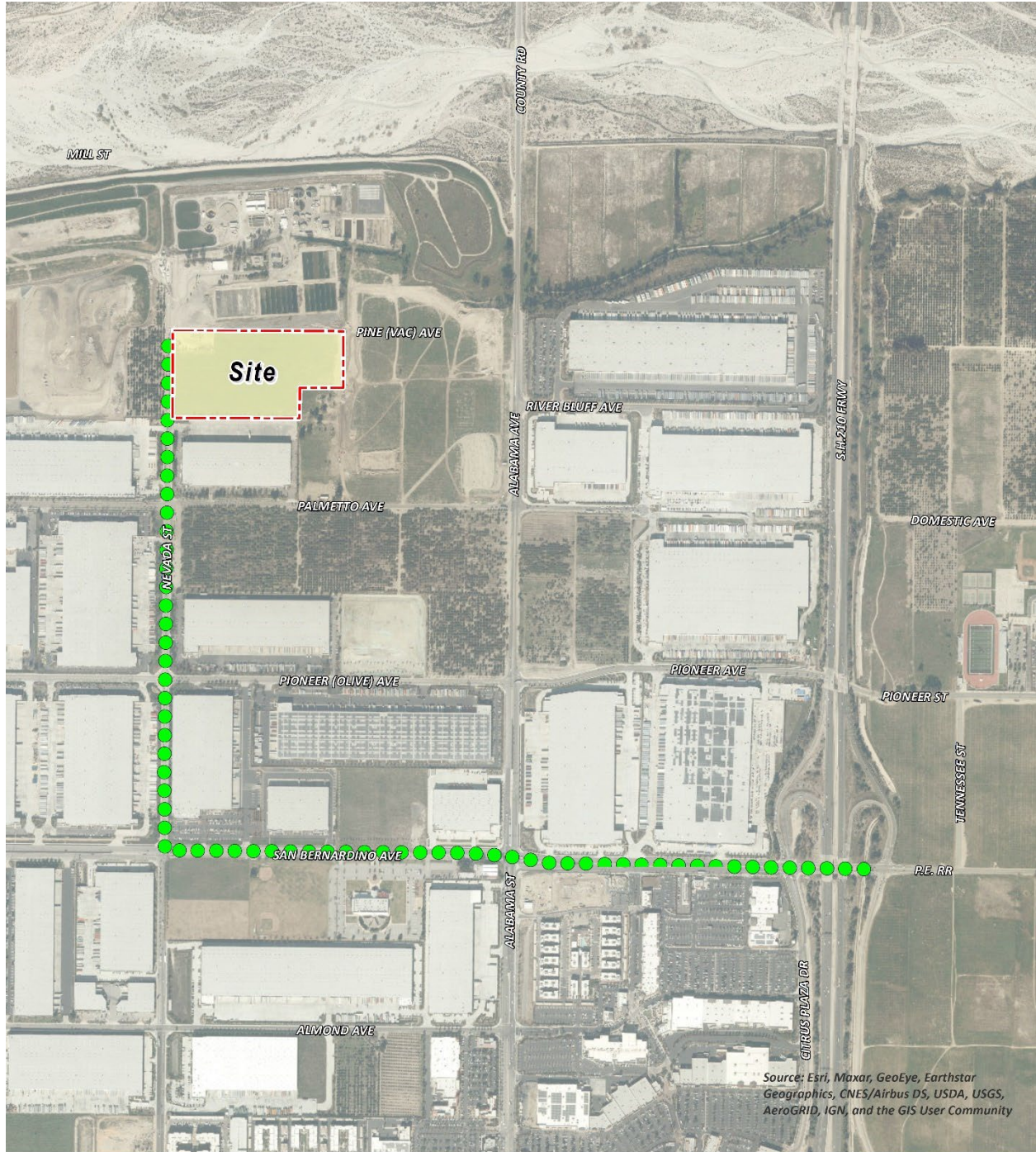
EXHIBIT 2-B: MODELED ON-SITE EMISSION SOURCES



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



### EXHIBIT 2-C: MODELED OFF-SITE EMISSION SOURCES



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

Truck Emission Rates							
Source	Trucks Per Day	VMT <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)	Daily TRU Emissions <sup>d</sup> (grams/day)	Modeled Emission Rates (g/second)
On-Site Idling	91			0.0898	2.04	2.08	4.769E-05
On-Site Travel	182	36.38	0.0202		0.73	0.33	1.235E-05
Off-Site Travel - Nevada Street 100% Inbound/Outbound	182	131.08	0.0090		1.18	0.24	1.642E-05
Off-Site Travel - San Bernardino Avenue 100% Inbound/Outbound	182	187.89	0.0090		1.69	0.34	2.354E-05

<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.

<sup>d</sup> This column assumes that each TRU idles for 30 minutes.

On-site truck idling was estimated to occur as trucks enter and travel through the Project site. Although the Project's diesel-fueled truck and equipment operators will be required by State law to comply with CARB's idling limit of 5 minutes, staff at SCAQMD recommends that the on-site idling emissions be calculated assuming 15 minutes of truck idling (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 15 minutes, consistent with SCAQMD's recommendation.

As summarized in the *Nevada Street Warehouse Scoping Agreement* prepared by Urban Crossroads, Inc., the Project is expected to generate a total of approximately 812 vehicular trips-ends per day (actual vehicles) which includes 182 two-way truck trips per day (4).

### **2.3.2 TRANSPORT REFRIGERATION UNITS**

In order to account for the possibility of refrigerated uses, trucks associated with the cold-storage land use are assumed to also have transport refrigeration units (TRUs). Therefore, for modeling purposes 37 trucks have the potential to include TRUs (approximately 26% of all trucks accessing the site). TRUs are accounted for during on-site and off-site travel. The TRU calculations are based on EMISSIONS FACTOR Model version 2021 (EMFAC2021), developed by the CARB. EMFAC2021 does not provide emission rates per hour or mile as with the on-road emission model and only provides emission inventories. Emission results are produced in tons per day while all activity, fuel consumption and horsepower hours were reported at annual levels. The emission inventory is based on specific assumptions including the average horsepower rating of specific types of equipment and the hours of operation annually. These assumptions are not always consistent with assumptions used in the modeling of project level emissions. Therefore, the emissions inventory was converted into emission rates to accurately calculate emissions from TRU operation associated with project level details. This was accomplished by converting the annual horsepower hours to daily operational characteristics and converting the daily emission levels into hourly emission rates based on the total emission of each criteria pollutant by equipment type and the average daily hours of operation. TRU emission calculations are presented in Appendix 2.2. In order to account for DPM emissions, the analysis utilized PM<sub>10</sub> exhaust emission rates.

## **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 (2) as well as the Office of Environmental Health Hazard Assessment (OEHHA) 2015 Risk Assessment Guidelines (9). SCAQMD recommends using the Environmental Protection Agency's (U.S. EPA's) AERMOD model. For purposes of this analysis, the Lakes AERMOD View (Version 10.2.1) 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 21112 (10).

Emissions from off-road equipment during Project construction were modeled as multiple adjacent volume sources covering the Project site. Consistent with SCAQMD guidance, a release



height of 5 meters and an initial vertical dimension of 1.4 meters were assumed (11).

Additionally, the model offers 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.

SCAQMD-recommended model parameters are presented in Table 2-5 (12). The model requires additional input parameters including emission data and local meteorology. Meteorological data from the SCAQMD's Redlands monitoring station (SRA 34) was used to represent local weather conditions and prevailing winds (13).

**TABLE 2-5: AERMOD MODEL PARAMETERS**

Dispersion Coefficient (Urban/Rural)	Urban (Population 2,035,210)
Terrain (Flat/Elevated)	Elevated (Regulatory Default)
Averaging Time	1 year (5-year Meteorological Data Set)
Receptor Height	0 meters (Regulatory Default)

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

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

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

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

Consistent with SCAQMD modeling guidance, all receptors were set to existing elevation height so that only ground-level concentrations are analyzed (14). 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 (15).

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

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

Age	Daily Breathing Rate (L/kg-day)	Age Specific Factor	Exposure Duration (years)	Fraction of Time at Home	Exposure Frequency (days/year)	Exposure Time (hours/day)
0 to 2	1,090	10	0.88	1.00	232	8

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

Age	Daily Breathing Rate (L/kg-day)	Age Specific Factor	Exposure Duration (years)	Fraction of Time at Home	Exposure Frequency (days/year)	Exposure Time (hours/day)
-0.25 to 0	361	10	0.25	1.00	350	24
0 to 2	1,090	10	2	1.00	350	24
2 to 16	572	3	14	1.00	350	24
16 to 30	261	1	14	0.73	350	24

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

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

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

Age	Daily Breathing Rate (L/kg-day)	Age Specific Factor	Exposure Duration (years)	Exposure Frequency (days/year) <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

The SCAQMD CEQA Air Quality Handbook (1993) states that emissions of toxic air contaminants (TACs) are considered significant if a HRA shows an increased risk of greater than 10 in one million. Based on guidance from the SCAQMD in the document Health Risk Assessment Guidance for Analyzing Cancer Risks from Mobile Source Diesel Idling Emissions for CEQA Air Quality Analysis (2), for purposes of this analysis, 10 in one million is used as the cancer risk threshold for the proposed Project.

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.

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

Where:

DOSE <sub>air</sub>	=	chronic daily intake (mg/kg/day)
C <sub>air</sub>	=	concentration of contaminant in air (ug/m <sup>3</sup> )
[BR/BW] BW-day)	=	daily breathing rate normalized to body weight (L/kg)
A	=	inhalation absorption factor
EF	=	exposure frequency (days/365 days)
BW	=	body weight (kg)
1 x 10 <sup>-6</sup>	=	conversion factors (ug to mg, L to m <sup>3</sup> )
RISK <sub>air</sub> = DOSE <sub>air</sub> x CPF x ED/AT		

Where:

DOSE <sub>air</sub>	=	chronic daily intake (mg/kg/day)
CPF	=	cancer potency factor
ED	=	number of years within particular age group
AT	=	averaging time

## 2.6 NON-CARCINOGENIC EXPOSURES

An evaluation of the potential noncarcinogenic effects of chronic exposures was also conducted. Adverse health effects are evaluated by comparing a compound's annual concentration with its toxicity factor or Reference Exposure Level (REL). The REL for diesel particulates was obtained from OEHHA for this analysis. The chronic reference exposure level (REL) for DPM was established by OEHHA as 5 µg/m<sup>3</sup> (OEHHA Toxicity Criteria Database, <http://www.oehha.org/risk/chemicaldb/index.asp>).

The non-cancer hazard index was calculated (consistent with SCAQMD methodology) as follows:

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

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

Where:

HI <sub>DPM</sub>	=	Hazard Index; an expression of the potential for non-cancer health effects.
C <sub>DPM</sub>	=	Annual average DPM concentration (µg/m <sup>3</sup> ).
REL <sub>DPM</sub>	=	Reference exposure level (REL) for DPM; the DPM concentration at which no adverse health effects are anticipated.

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

## 2.7 POTENTIAL PROJECT-RELATED 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 R2 which is located approximately 6,666 feet east of the Project site at an existing residence located at 2045 Citron Court. R2 is placed in the private outdoor living areas (backyard) facing the Project site. At the MEIR, the maximum incremental cancer risk attributable to Project construction-source DPM emissions is estimated at 0.03 in one million, which is less than the SCAQMD's significance threshold of 10 in one million. At this same location, non-cancer risks were estimated to be <0.01, which would not exceed the applicable threshold of 1.0. As such, the Project will not cause a significant human health or cancer risk to adjacent land uses as a result of Project construction activity. All other receptors during construction activity would experience less risk than what is identified for this location. The nearest modeled receptors are illustrated on Exhibit 2-D.

### OPERATIONAL IMPACTS

#### Residential Exposure Scenario:

The residential land use with the greatest potential exposure to Project operational-source DPM emissions is Location R2 which is located approximately 6,666 feet east of the Project site at an existing residence located at 2045 Citron Court. R2 is placed at the building façade facing the Project site. At the MEIR, the maximum incremental cancer risk attributable to Project operational-source DPM emissions is estimated at 0.04 in one million, which is less than the SCAQMD's significance threshold of 10 in one million. At this same location, non-cancer risks were estimated to be <0.01, which would not exceed the applicable significance threshold of 1.0. Because all other modeled residential receptors are exposed to lesser concentrations and are located at a greater distance from the Project site than the MEIR analyzed herein, and TACs generally dissipates with distance from the source, all other residential receptors in the vicinity of the Project site would be exposed to less emissions and therefore less risk than the MEIR identified herein. As such, the Project will not cause a significant human health or cancer risk to nearby residences. The nearest 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 R7, which represents the adjacent potential worker receptor approximately 191 feet south of the Project site. At the MEIW, the maximum incremental cancer

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.

risk impact is 0.10 in one million which is less than the SCAQMD's threshold of 10 in one million. Maximum non-cancer risks at this same location were estimated to be <0.01, which would not exceed the applicable significance threshold of 1.0. Because all other modeled worker receptors 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 nearest modeled receptors are illustrated on Exhibit 2-D.

#### School Child Exposure Scenario:

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 California Air Resources Board (CARB) 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 (1).

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

A one-quarter mile radius, or 1,320 feet, is commonly utilized for identifying sensitive receptors, such as schools, that may be impacted by a proposed project. This radius is more robust than, and therefore provides a more health protective scenario for evaluation than the 1,000-foot impact radius identified above.

There are no schools within ¼ mile of the Project site. The nearest school is Packinghouse Christian Academy, which is located approximately 3,396 feet south of the Project site. At the MEISC, the maximum incremental cancer risk impact attributable to the Project is calculated to be 0.18 in one million, which is less than the significance threshold of 10 in one million. At this same location, non-cancer risks attributable to the Project were calculated to be <0.01, which would not exceed the applicable significance threshold of 1.0. As such, the Project will not cause a significant human health or cancer risk to nearby school children.

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

The land use with the greatest potential increased cancer risk due to exposure to Project construction-source and operational-source DPM emissions is Location R2. At this location, the maximum incremental cancer risk attributable to Project construction and operational DPM source emissions is estimated at 0.05 in one million, which is less than the threshold of 10 in one million. At this same location, non-cancer risks were estimated to be <0.01, which would not exceed the applicable threshold of 1.0. As such, the Project will not cause a significant human health or cancer risk to adjacent land uses as a result of Project construction and operational activity. All other receptors during construction and operational activity would experience less risk than what is identified for this location. The nearest modeled receptors are illustrated on Exhibit 2-D.

EXHIBIT 2-D: RECEPTOR LOCATIONS



**LEGEND:**

- N
- Site Boundary
- Receptor Locations
- Distance from receptor to Project site boundary (in feet)

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

Haseeb Qureshi  
Associate Principal  
URBAN CROSSROADS, INC.  
(949) 660-1994  
[hqureshi@urbanxroads.com](mailto:hqureshi@urbanxroads.com)

### EDUCATION

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

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

### PROFESSIONAL AFFILIATIONS

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

### PROFESSIONAL CERTIFICATIONS

Environmental Site Assessment – American Society for Testing and Materials • June 2013  
Planned Communities and Urban Infill – Urban Land Institute • June 2011  
Indoor Air Quality and Industrial Hygiene – EMSL Analytical • April 2008  
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**APPENDIX 2.1:**  
**CALEEMOD OUTPUTS**

# Nevada Street Warehouse (Construction - Unmitigated) Custom Report

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# 1. Basic Project Information

## 1.1. Basic Project Information

Data Field	Value
Project Name	Nevada Street Warehouse (Construction - Unmitigated)
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.50
Precipitation (days)	11.2
Location	34.08752864113091, -117.2156941111145
County	San Bernardino-South Coast
City	Unincorporated
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5393
EDFZ	10
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas

## 1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Refrigerated Warehouse-No Rail	95.0	1000sqft	2.18	95,145	114,025	0.00	—	—
Unrefrigerated Warehouse-No Rail	285	1000sqft	6.55	285,434	0.00	0.00	—	—

Parking Lot	322	Space	2.00	0.00	0.00	0.00	—	—
Other Asphalt Surfaces	189	1000sqft	4.34	0.00	0.00	0.00	—	—

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

No measures selected

## 2. Emissions Summary

### 2.1. Construction Emissions Compared Against Thresholds

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

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	6.10	51.8	51.4	39.9	0.09	2.16	3.25	5.41	1.99	1.08	3.07	—	9,989	9,989	0.42	0.38	16.3	10,039
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.98	49.5	15.9	27.8	0.04	0.56	2.97	3.52	0.52	0.72	1.23	—	6,798	6,798	0.36	0.37	0.41	6,917
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.41	5.70	9.35	11.9	0.02	0.37	1.12	1.49	0.34	0.30	0.64	—	2,919	2,919	0.15	0.13	2.20	2,963
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.26	1.04	1.71	2.17	< 0.005	0.07	0.20	0.27	0.06	0.05	0.12	—	483	483	0.02	0.02	0.36	491
Exceeds (Daily Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	75.0	100	550	150	—	150	55.0	—	—	—	—	—	—	—	—	—	—

Unmit.	—	No	No	No	No	—	No	No	—	—	—	—	—	—	—	—	—	—
Exceeds (Average Daily)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	75.0	100	550	150	—	150	55.0	—	—	—	—	—	—	—	—	—	—
Unmit.	—	No	No	No	No	—	No	No	—	—	—	—	—	—	—	—	—	—

## 2.2. Construction Emissions by Year, Unmitigated

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2023	6.10	5.11	51.4	39.9	0.09	2.16	3.25	5.41	1.99	1.08	3.07	—	9,989	9,989	0.42	0.35	14.8	10,039
2024	3.78	51.8	20.5	38.6	0.05	0.79	3.10	3.89	0.73	0.75	1.48	—	8,069	8,069	0.39	0.38	16.3	8,208
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2023	2.72	2.22	15.2	25.2	0.04	0.56	2.55	3.11	0.52	0.62	1.14	—	6,258	6,258	0.34	0.35	0.38	6,372
2024	2.98	49.5	15.9	27.8	0.04	0.55	2.97	3.52	0.51	0.72	1.23	—	6,798	6,798	0.36	0.37	0.41	6,917
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2023	1.41	1.16	9.35	11.9	0.02	0.37	1.12	1.49	0.34	0.30	0.64	—	2,919	2,919	0.15	0.13	2.20	2,963
2024	0.62	5.70	3.41	5.91	0.01	0.12	0.59	0.72	0.11	0.14	0.26	—	1,435	1,435	0.07	0.08	1.39	1,462
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2023	0.26	0.21	1.71	2.17	< 0.005	0.07	0.20	0.27	0.06	0.05	0.12	—	483	483	0.02	0.02	0.36	491
2024	0.11	1.04	0.62	1.08	< 0.005	0.02	0.11	0.13	0.02	0.03	0.05	—	238	238	0.01	0.01	0.23	242

### 3. Construction Emissions Details

#### 3.1. Site Preparation (2023) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.37	1.15	11.6	9.27	0.01	0.52	—	0.52	0.48	—	0.48	—	1,378	1,378	0.06	0.01	—	1,383
Dust From Material Movement	—	—	—	—	—	—	1.70	1.70	—	0.88	0.88	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.06	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.55	7.55	< 0.005	< 0.005	—	7.58
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	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.25	1.25	< 0.005	< 0.005	—	1.25

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	0.02	0.01	0.01	0.23	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	36.7	36.7	< 0.005	< 0.005	0.16	37.3
Vendor	< 0.005	< 0.005	0.04	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	31.7	31.7	< 0.005	< 0.005	0.09	33.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	0.19	0.19	< 0.005	< 0.005	< 0.005	0.19
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.17	0.17	< 0.005	< 0.005	< 0.005	0.18
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	0.00	0.00	—	0.03	0.03	< 0.005	< 0.005	< 0.005	0.03
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.03	0.03	< 0.005	< 0.005	< 0.005	0.03
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

### 3.3. Grading (2023) - Unmitigated

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

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

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Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	5.96	5.01	51.0	38.1	0.09	2.15	—	2.15	1.98	—	1.98	—	9,447	9,447	0.38	0.08	—	9,479
Dust From Material Movement:	—	—	—	—	—	—	2.94	2.94	—	1.01	1.01	—	—	—	—	—	—	—
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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.49	0.41	4.19	3.13	0.01	0.18	—	0.18	0.16	—	0.16	—	776	776	0.03	0.01	—	779
Dust From Material Movement:	—	—	—	—	—	—	0.24	0.24	—	0.08	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.08	0.76	0.57	< 0.005	0.03	—	0.03	0.03	—	0.03	—	129	129	0.01	< 0.005	—	129
Dust From Material Movement:	—	—	—	—	—	—	0.04	0.04	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.10	0.09	1.62	0.00	0.00	0.01	0.01	0.00	0.00	0.00	—	257	257	0.01	0.01	1.10	261
Vendor	0.03	0.01	0.34	0.18	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	285	285	0.02	0.04	0.79	299
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	0.11	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	19.6	19.6	< 0.005	< 0.005	0.04	19.9
Vendor	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	23.4	23.4	< 0.005	< 0.005	0.03	24.6
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	3.25	3.25	< 0.005	< 0.005	0.01	3.30
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.88	3.88	< 0.005	< 0.005	< 0.005	4.07
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

### 3.5. Building Construction (2023) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.62	1.35	12.1	13.0	0.02	0.54	—	0.54	0.50	—	0.50	—	2,395	2,395	0.10	0.02	—	2,403
Onsite truck	0.00	0.00	0.00	0.00	0.00	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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Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.62	1.35	12.1	13.0	0.02	0.54	—	0.54	0.50	—	0.50	—	2,395	2,395	0.10	0.02	—	2,403
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.54	0.45	4.03	4.33	0.01	0.18	—	0.18	0.16	—	0.16	—	797	797	0.03	0.01	—	799
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.10	0.08	0.73	0.79	< 0.005	0.03	—	0.03	0.03	—	0.03	—	132	132	0.01	< 0.005	—	132
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.96	0.88	0.85	14.8	0.00	0.00	0.13	0.13	0.00	0.00	0.00	—	2,348	2,348	0.10	0.08	10.1	2,384
Vendor	0.19	0.05	2.03	1.10	0.01	0.02	0.10	0.12	0.02	0.04	0.06	—	1,711	1,711	0.14	0.25	4.72	1,795
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	0.91	0.82	0.98	11.1	0.00	0.00	0.13	0.13	0.00	0.00	0.00	—	2,151	2,151	0.10	0.08	0.26	2,178
Vendor	0.19	0.04	2.11	1.11	0.01	0.02	0.10	0.12	0.02	0.04	0.06	—	1,712	1,712	0.14	0.25	0.12	1,791
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	0.30	0.27	0.33	3.92	0.00	0.00	0.04	0.04	0.00	0.00	0.00	—	726	726	0.03	0.03	1.45	736
Vendor	0.06	0.02	0.71	0.37	< 0.005	0.01	0.03	0.04	0.01	0.01	0.02	—	569	569	0.05	0.08	0.68	596
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	0.05	0.05	0.06	0.71	0.00	0.00	0.01	0.01	0.00	0.00	0.00	—	120	120	0.01	< 0.005	0.24	122
Vendor	0.01	< 0.005	0.13	0.07	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	94.3	94.3	0.01	0.01	0.11	98.7
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

### 3.7. Building Construction (2024) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.54	1.29	11.6	12.9	0.02	0.49	—	0.49	0.45	—	0.45	—	2,395	2,395	0.10	0.02	—	2,403
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	1.54	1.29	11.6	12.9	0.02	0.49	—	0.49	0.45	—	0.45	—	2,395	2,395	0.10	0.02	—	2,403
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.33	0.28	2.49	2.78	0.01	0.10	—	0.10	0.10	—	0.10	—	516	516	0.02	< 0.005	—	517

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Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	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	0.06	0.05	0.45	0.51	< 0.005	0.02	—	0.02	0.02	—	0.02	—	85.4	85.4	< 0.005	< 0.005	—	85.6	
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Worker	0.92	0.84	0.78	13.5	0.00	0.00	0.13	0.13	0.00	0.00	0.00	—	2,301	2,301	0.10	0.08	9.20	2,336	
Vendor	0.18	0.05	1.94	1.04	0.01	0.02	0.10	0.12	0.02	0.04	0.06	—	1,693	1,693	0.13	0.25	4.72	1,776	
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	0.87	0.79	0.91	10.2	0.00	0.00	0.13	0.13	0.00	0.00	0.00	—	2,109	2,109	0.10	0.08	0.24	2,136	
Vendor	0.18	0.04	2.02	1.06	0.01	0.02	0.10	0.12	0.02	0.04	0.06	—	1,694	1,694	0.13	0.25	0.12	1,772	
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	0.19	0.17	0.20	2.31	0.00	0.00	0.03	0.03	0.00	0.00	0.00	—	460	460	0.02	0.02	0.85	467	
Vendor	0.04	0.01	0.44	0.23	< 0.005	0.01	0.02	0.03	0.01	0.01	0.01	—	365	365	0.03	0.05	0.44	382	
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	0.03	0.03	0.04	0.42	0.00	0.00	0.01	0.01	0.00	0.00	0.00	—	76.2	76.2	< 0.005	< 0.005	0.14	77.3	
Vendor	0.01	< 0.005	0.08	0.04	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	60.4	60.4	< 0.005	0.01	0.07	63.2	
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00	

### 3.9. Paving (2024) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.68	0.57	4.83	6.03	0.01	0.24	—	0.24	0.22	—	0.22	—	897	897	0.04	0.01	—	900
Paving	—	1.66	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.13	0.17	< 0.005	0.01	—	0.01	0.01	—	0.01	—	24.6	24.6	< 0.005	< 0.005	—	24.7
Paving	—	0.05	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.07	4.07	< 0.005	< 0.005	—	4.08
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	0.06	0.05	0.05	0.85	0.00	0.00	0.01	0.01	0.00	0.00	0.00	—	144	144	0.01	< 0.005	0.58	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	3.67	3.67	< 0.005	< 0.005	0.01	3.72
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	0.00	0.00	—	0.61	0.61	< 0.005	< 0.005	< 0.005	0.62
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

### 3.11. Architectural Coating (2024) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.22	0.18	1.21	1.53	< 0.005	0.04	—	0.04	0.04	—	0.04	—	178	178	0.01	< 0.005	—	179
Architect ural Coatings	—	47.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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

Nevada Street Warehouse (Construction - Unmitigated) Custom Report, 5/16/2022

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.22	0.18	1.21	1.53	< 0.005	0.04	—	0.04	0.04	—	0.04	—	178	178	0.01	< 0.005	—	179
Architectural Coatings	—	47.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.02	0.02	0.13	0.17	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	19.5	19.5	< 0.005	< 0.005	—	19.6
Architectural Coatings	—	5.15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	—	3.23	3.23	< 0.005	< 0.005	—	3.24
Architectural Coatings	—	0.94	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.18	0.17	0.16	2.70	0.00	0.00	0.03	0.03	0.00	0.00	0.00	—	460	460	0.02	0.02	1.84	467
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	0.17	0.16	0.18	2.04	0.00	0.00	0.03	0.03	0.00	0.00	0.00	—	422	422	0.02	0.02	0.05	427
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	0.02	0.02	0.24	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	46.9	46.9	< 0.005	< 0.005	0.09	47.5
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	0.00	0.00	0.00	0.00	0.00	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	< 0.005	< 0.005	0.00	0.00	0.00	—	7.76	7.76	< 0.005	< 0.005	0.01	7.87
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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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



## 5. Activity Data

### 5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Site Preparation	Site Preparation	6/1/2023	6/2/2023	5.00	2.00	—
Grading	Grading	6/3/2023	7/14/2023	5.00	30.0	—
Building Construction	Building Construction	7/15/2023	4/19/2024	5.00	200	—
Paving	Paving	4/6/2024	4/19/2024	5.00	10.0	—
Architectural Coating	Architectural Coating	2/24/2024	4/19/2024	5.00	40.0	—

### 5.2. Off-Road Equipment

#### 5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Site Preparation	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Grading	Excavators	Diesel	Average	1.00	8.00	36.0	0.38
Grading	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Grading	Scrapers	Diesel	Average	4.00	8.00	423	0.48
Building Construction	Cranes	Diesel	Average	1.00	8.00	367	0.29
Building Construction	Forklifts	Diesel	Average	2.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	2.00	8.00	84.0	0.37
Building Construction	Welders	Diesel	Average	2.00	8.00	46.0	0.45
Paving	Pavers	Diesel	Average	1.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Average	1.00	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
Grading	Crawler Tractors	Diesel	Average	1.00	8.00	87.0	0.43

## 5.3. Construction Vehicles

### 5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation	—	—	—	—
Site Preparation	Worker	2.50	18.5	LDA,LDT1,LDT2
Site Preparation	Vendor	1.00	10.2	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	0.00	—	HHDT
Grading	—	—	—	—
Grading	Worker	17.5	18.5	LDA,LDT1,LDT2
Grading	Vendor	9.00	10.2	HHDT,MHDT
Grading	Hauling	0.00	20.0	HHDT
Grading	Onsite truck	0.00	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	160	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	54.0	10.2	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	0.00	—	HHDT
Paving	—	—	—	—
Paving	Worker	10.0	18.5	LDA,LDT1,LDT2
Paving	Vendor	0.00	10.2	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	0.00	—	HHDT

Architectural Coating	—	—	—	—
Architectural Coating	Worker	32.0	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	0.00	10.2	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	0.00	—	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	583,296	194,432	16,570

## 5.6. Dust Mitigation

### 5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Cubic Yards)	Material Exported (Cubic Yards)	Acres Graded (acres)	Material Demolished (sq. ft.)	Acres Paved (acres)
Site Preparation	0.00	0.00	1.00	0.00	—
Grading	0.00	0.00	150	0.00	—
Paving	0.00	0.00	0.00	0.00	6.34

### 5.6.2. Construction Earthmoving Control Strategies

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

## 5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Refrigerated Warehouse-No Rail	0.00	0%
Unrefrigerated Warehouse-No Rail	0.00	0%
Parking Lot	2.00	100%
Other Asphalt Surfaces	4.34	100%

## 5.8. Construction Electricity Consumption and Emissions Factors

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

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

## 5.18. Vegetation

### 5.18.1. Land Use Change

#### 5.18.1.1. Unmitigated

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

#### 5.18.1.1. Unmitigated

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

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)
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## 8. User Changes to Default Data

Screen	Justification
Construction: Construction Phases	No demolition required.
Construction: Off-Road Equipment	Construction equipment based on information provided by the Project Team
Construction: Dust From Material Movement	1 Rubber Tired Dozer can traverse 0.5 acres. Assuming an 8 hour workday and 1 day of activity, this is approximately 0.5 acres graded per day. For purposes of analysis, it is assumed that up to 1 acre can be disturbed per day
Construction: Architectural Coatings	Consistent with Rule 1113
Construction: Trips and VMT	Vendor Trips adjusted based on CalEEMod defaults for Building Construction and number of days for Site Preparation, Grading, and Building Construction

Emissions	Phase	Lb/Day	# Days	Emissions	Avg/Lb Day	Avg/Hourly
On-Site	Site Preparation	0.52	2	1.04	0.52	0.065
Exhaust PM-10	Grading	2.15	30	64.5	2.15	0.26875
	Building Construction	0.52	200	103	0.515	0.064375
	Paving	0.24	10	2.4	0.24	0.03
	Architectural Coatings	0.08	40	3.248	0.0812	0.01015
		3.51	232	174.188	0.750810345	0.093851293

No. of Volume Sources: 16  
Modeled Emission Rate: 5.87E-03 lb/hour/source

Off-Site	Site Preparation	5.00E-03	2	0.01	0.005	0.000625
Exhaust PM-10	Grading	5.00E-03	30	0.15	0.005	0.000625
	Building Construction	2.00E-02	200	4	0.02	0.0025
	Paving	0.00E+00	10	0	0	0
	Architectural Coatings	0.00E+00	40	0	0	0
		3.00E-02	232	4.16	0.017931034	0.002241379

Modeled Emission Rate: 2.24E-03 lb/hr

	Phase	Start Date	End Date	No. Days
	Site Preparation	6/1/2023	6/2/2023	2
	Grading	6/3/2023	7/14/2023	30
	Building Construction	7/15/2023	4/19/2024	200
	Paving	4/6/2024	4/19/2024	10
	Arch Coatings	2/24/2024	4/19/2024	40
<b>Total Days of Construction</b>				<b>232</b>

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



**AVERAGE EMISSION FACTOR  
SAN BERNARDINO COUNTY 2024**

Speed	LHD1	LHD2	MHD	HHD
0	0.316954	0.498613	0.051812	0.01310
5	0.039143	0.05572	0.030547	0.01151
25	0.01796	0.026556	0.00817	0.00576

Speed	Weighted Average Emissions
<b>0</b>	<b>0.08978</b>
<b>5</b>	<b>0.02019</b>
<b>25</b>	<b>0.00900</b>

**Truck Emission Rates**

<b>Source</b>	<b>Trucks Per Day</b>	<b>VMT<sup>a</sup> (miles/day)</b>	<b>Truck Emission Rate<sup>b</sup> (grams/mile)</b>	<b>Truck Emission Rate<sup>b</sup> (grams/idle-hour)</b>	<b>Daily Truck Emissions<sup>c</sup> (grams/day)</b>	<b>Daily TRU Emissions<sup>d</sup> (grams/day)</b>	<b>Modeled Emission Rates (g/second)</b>
On-Site Idling	91			0.0898	2.04	2.08	4.769E-05
On-Site Travel	182	36.38	0.0202		0.73	0.33	1.235E-05
Off-Site Travel - Nevada Street 100% Inbound/Outbound	182	131.08	0.0090		1.18	0.24	1.642E-05
Off-Site Travel - San Bernardino Avenue 100% Inbound/Outbound	182	187.89	0.0090		1.69	0.34	2.354E-05

<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.

<sup>d</sup> This column assumes that each TRU idles for 30 minutes.

calendar_y	season_m	sub_area	vehicle_class	fuel	temperatur	relative_hu	process	speed_tim	pollutant	emission_rate
2024	Annual	San Berna	HHDT	Dsl	60	70	RUNEX	5	PM10	0.01351
2024	Annual	San Berna	HHDT	Dsl	60	70	RUNEX	25	PM10	0.006762
2024	Annual	San Berna	LHDT1	Dsl	60	70	RUNEX	5	PM10	0.098223
2024	Annual	San Berna	LHDT1	Dsl	60	70	RUNEX	25	PM10	0.045069
2024	Annual	San Berna	LHDT2	Dsl	60	70	RUNEX	5	PM10	0.089018
2024	Annual	San Berna	LHDT2	Dsl	60	70	RUNEX	25	PM10	0.042425
2024	Annual	San Berna	MHDT	Dsl	60	70	RUNEX	5	PM10	0.033532
2024	Annual	San Berna	MHDT	Dsl	60	70	RUNEX	25	PM10	0.008968

Source: EMFAC2021 (v1.0.2) Emissions Inventory

Region Type: Sub-Area

Region: San Bernardino (SC)

Calendar Year: 2024

Season: Annual

Vehicle Classification: EMFAC2007 Categories

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

Region	Calendar	Vehicle C	Model Year	Speed	Fuel	Population
San Bern	2024	HHDT	Aggregate	Aggregate	Gasoline	5.56599
San Bern	2024	HHDT	Aggregate	Aggregate	Diesel	14232
San Bern	2024	HHDT	Aggregate	Aggregate	Natural Gas	2469.47
San Bern	2024	LHDT1	Aggregate	Aggregate	Gasoline	17179.5
San Bern	2024	LHDT1	Aggregate	Aggregate	Diesel	11382.1
San Bern	2024	LHDT2	Aggregate	Aggregate	Gasoline	2883.7
San Bern	2024	LHDT2	Aggregate	Aggregate	Diesel	4825.53
San Bern	2024	MHDT	Aggregate	Aggregate	Gasoline	1460.6
San Bern	2024	MHDT	Aggregate	Aggregate	Diesel	14946.5
San Bern	2024	MHDT	Aggregate	Aggregate	Natural Gas	195.676

HHDT% GAS/NG	0.14814
HHDT% DSL	0.85186
LHDT1% GAS	0.60149
LHDT1% DSL	0.39851
LHDT2% GAS	0.37406
LHDT2% DSL	0.62594
MHDT% GAS	0.08902
MHDT% DSL	0.91098

TRU Type	TRU - Instate Truck TRU	▼
Number of Units	17	
Operating Time Each Unit	4	

TRU Type	TRU - Instate Trailer TRU	▼
Number of Units	20	
Operating Time Each Unit	4	

Unit	Emissions Pounds per Day						Annual
	ROG	NO <sub>x</sub>	CO	SOX	PM10	PM2.5	MT CO <sub>2</sub>
TRU - Instate Truck TRU	1.31	1.67	0.14	418982.73	0.09	0.08	264.15
TRU - Instate Trailer TRU	1.34	1.27	0.18	413594.36	0.04	0.04	263.28
<b>Total</b>	<b>2.65</b>	<b>2.94</b>	<b>0.32</b>	<b>832577.09</b>	<b>0.13</b>	<b>0.12</b>	<b>527.44</b>

Model Output: OFFROAD2021 (v1.0.2) Emissions Inventory

Region Type: Sub-Area

Region: San Bernardino (SC)

Calendar Year: 2024

Scenario: All Adopted Rules - Exhaust

Vehicle Classification: OFFROAD2021 Equipment Types

Units: tons/day for Emissions, gallons/year for Fuel, hours/year for Activity, Horsepower-hours/year for Horsepower-hours

Region	CalYr	VehClass	MdlYr	HP_Bin	Fuel	HC_tpd	ROG_tpd	TOG_tpd	CO_tpd	NOx_tpd	CO2_tpd	PM10_tpd	PM2_5_tpc	PM1_tpd	SOx_tpd	NH3_tpd	Fuel_gpy	Total_Population	Horsepower_Hours_hhpy	
San Bernar	2024	Transportation Refridgeration Unit - Instate Genset	Aggregate	Aggregate	Diesel	0.001366	0.013935	0.001967	0.001517	0.018472	2.917211	0.000599	0.000551		4749.8	6.78282E-08	98415.37	198260.61	253.72715	0
San Bernar	2024	Transportation Refridgeration Unit - Instate Trailer	Aggregate	Aggregate	Diesel	0.039879	0.334759	0.057419	0.04431	0.316936	65.87296	0.009796	0.009008		103480.7	1.4776E-06	2144047.89	2976582.44	1661.29	0
San Bernar	2024	Transportation Refridgeration Unit - Instate Truck	Aggregate	Aggregate	Diesel	0.003384	0.034517	0.004869	0.003757	0.044114	6.97	0.002274	0.002092		11055.36	1.57831E-07	229061.06	413469.41	357.59	0
San Bernar	2024	Transportation Refridgeration Unit - Out-Of-State G	Aggregate	Aggregate	Diesel	0.001175	0.012013	0.001692	0.001307	0.015321	2.287652	0.000569	0.000523		3795.74	5.42232E-08	78647.93	158905.06	1281.33515	0
San Bernar	2024	Transportation Refridgeration Unit - Out-Of-State T	Aggregate	Aggregate	Diesel	0.022801	0.20386	0.032821	0.025332	0.187088	36.19686	0.00792	0.00729		56921.28	8.13164E-07	1179370.63	1717637.54	6314.67	0
San Bernar	2024	Transportation Refridgeration Unit - Railcar TRU	Aggregate	Aggregate	Diesel	0.000832	0.008488	0.001199	0.000925	0.008601	1.34776	0.000328	0.000302		2199.85	3.14155E-08	45581.88	67845.74	207.19639	0

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



```

**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 10.2.1
** Lakes Environmental Software Inc.
** Date: 8/26/2022
** File: C:\Users\Michael Tirohn\Desktop\HRAs\14412 Nevada Street Warehouse\14412
Construction\14412 Construction.ADI
**

```

```

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

```

```

CO STARTING
  TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\14412 Nevada Street Warehouse\1
  MODELOPT DFAULT CONC
  AVERTIME ANNUAL
  URBANOPT 2035210 San_Bernardino_County
  POLLUTID DPM
  RUNORNOT RUN
  ERRORFIL "14412 Construction.err"

```

```

CO FINISHED
**

```

```

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

```

```

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

```

```

-----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE1
** DESCRSRC Offsite
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 0.000282409
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 5
** 479941.113, 3771956.922, 360.00, 3.49, 4.00
** 479944.045, 3771589.091, 361.94, 3.49, 4.00
** 479942.150, 3771557.497, 361.89, 3.49, 4.00
** 479939.307, 3771540.220, 361.39, 3.49, 4.00
** 479938.195, 3770798.115, 362.95, 3.49, 4.00

```

```

-----

```

LOCATION	VOLUME	479941.147	3771952.627	359.85
LOCATION L0000001	VOLUME	479941.147	3771952.627	359.85
LOCATION L0000002	VOLUME	479941.216	3771944.037	360.00
LOCATION L0000003	VOLUME	479941.284	3771935.448	360.00
LOCATION L0000004	VOLUME	479941.353	3771926.858	360.00
LOCATION L0000005	VOLUME	479941.421	3771918.268	360.00
LOCATION L0000006	VOLUME	479941.489	3771909.679	360.00
LOCATION L0000007	VOLUME	479941.558	3771901.089	360.00
LOCATION L0000008	VOLUME	479941.626	3771892.499	360.00
LOCATION L0000009	VOLUME	479941.695	3771883.909	360.06
LOCATION L0000010	VOLUME	479941.763	3771875.320	360.27
LOCATION L0000011	VOLUME	479941.832	3771866.730	360.48
LOCATION L0000012	VOLUME	479941.900	3771858.140	360.69
LOCATION L0000013	VOLUME	479941.969	3771849.550	360.74

LOCATION	L0000014	VOLUME	479942.037	3771840.961	360.74
LOCATION	L0000015	VOLUME	479942.106	3771832.371	360.74
LOCATION	L0000016	VOLUME	479942.174	3771823.781	360.76
LOCATION	L0000017	VOLUME	479942.243	3771815.192	360.84
LOCATION	L0000018	VOLUME	479942.311	3771806.602	360.91
LOCATION	L0000019	VOLUME	479942.380	3771798.012	360.99
LOCATION	L0000020	VOLUME	479942.448	3771789.422	361.00
LOCATION	L0000021	VOLUME	479942.517	3771780.833	361.00
LOCATION	L0000022	VOLUME	479942.585	3771772.243	361.00
LOCATION	L0000023	VOLUME	479942.654	3771763.653	361.00
LOCATION	L0000024	VOLUME	479942.722	3771755.063	361.00
LOCATION	L0000025	VOLUME	479942.791	3771746.474	361.00
LOCATION	L0000026	VOLUME	479942.859	3771737.884	361.00
LOCATION	L0000027	VOLUME	479942.928	3771729.294	361.00
LOCATION	L0000028	VOLUME	479942.996	3771720.705	361.00
LOCATION	L0000029	VOLUME	479943.065	3771712.115	361.00
LOCATION	L0000030	VOLUME	479943.133	3771703.525	361.00
LOCATION	L0000031	VOLUME	479943.202	3771694.935	361.00
LOCATION	L0000032	VOLUME	479943.270	3771686.346	361.00
LOCATION	L0000033	VOLUME	479943.339	3771677.756	361.00
LOCATION	L0000034	VOLUME	479943.407	3771669.166	361.00
LOCATION	L0000035	VOLUME	479943.475	3771660.576	361.00
LOCATION	L0000036	VOLUME	479943.544	3771651.987	361.00
LOCATION	L0000037	VOLUME	479943.612	3771643.397	361.08
LOCATION	L0000038	VOLUME	479943.681	3771634.807	361.30
LOCATION	L0000039	VOLUME	479943.749	3771626.218	361.53
LOCATION	L0000040	VOLUME	479943.818	3771617.628	361.76
LOCATION	L0000041	VOLUME	479943.886	3771609.038	361.80
LOCATION	L0000042	VOLUME	479943.955	3771600.448	361.80
LOCATION	L0000043	VOLUME	479944.023	3771591.859	361.80
LOCATION	L0000044	VOLUME	479943.697	3771583.279	361.79
LOCATION	L0000045	VOLUME	479943.182	3771574.705	361.78
LOCATION	L0000046	VOLUME	479942.668	3771566.130	361.76
LOCATION	L0000047	VOLUME	479942.153	3771557.555	361.74
LOCATION	L0000048	VOLUME	479940.764	3771549.079	361.70
LOCATION	L0000049	VOLUME	479939.370	3771540.603	361.65
LOCATION	L0000050	VOLUME	479939.295	3771532.018	361.65
LOCATION	L0000051	VOLUME	479939.282	3771523.428	361.65
LOCATION	L0000052	VOLUME	479939.269	3771514.838	361.65
LOCATION	L0000053	VOLUME	479939.256	3771506.248	361.65
LOCATION	L0000054	VOLUME	479939.243	3771497.658	361.65
LOCATION	L0000055	VOLUME	479939.230	3771489.068	361.73
LOCATION	L0000056	VOLUME	479939.217	3771480.478	361.83
LOCATION	L0000057	VOLUME	479939.204	3771471.888	361.93
LOCATION	L0000058	VOLUME	479939.192	3771463.298	362.00
LOCATION	L0000059	VOLUME	479939.179	3771454.708	362.00
LOCATION	L0000060	VOLUME	479939.166	3771446.118	362.00
LOCATION	L0000061	VOLUME	479939.153	3771437.528	362.00
LOCATION	L0000062	VOLUME	479939.140	3771428.938	362.00
LOCATION	L0000063	VOLUME	479939.127	3771420.348	362.00
LOCATION	L0000064	VOLUME	479939.114	3771411.758	362.00
LOCATION	L0000065	VOLUME	479939.102	3771403.168	362.00
LOCATION	L0000066	VOLUME	479939.089	3771394.578	362.00
LOCATION	L0000067	VOLUME	479939.076	3771385.988	362.00
LOCATION	L0000068	VOLUME	479939.063	3771377.398	362.00
LOCATION	L0000069	VOLUME	479939.050	3771368.808	362.00
LOCATION	L0000070	VOLUME	479939.037	3771360.218	362.00
LOCATION	L0000071	VOLUME	479939.024	3771351.628	362.00
LOCATION	L0000072	VOLUME	479939.011	3771343.038	362.00
LOCATION	L0000073	VOLUME	479938.999	3771334.448	362.00
LOCATION	L0000074	VOLUME	479938.986	3771325.858	362.00
LOCATION	L0000075	VOLUME	479938.973	3771317.268	362.00
LOCATION	L0000076	VOLUME	479938.960	3771308.678	362.00
LOCATION	L0000077	VOLUME	479938.947	3771300.088	362.00
LOCATION	L0000078	VOLUME	479938.934	3771291.498	362.00
LOCATION	L0000079	VOLUME	479938.921	3771282.908	362.00

LOCATION L0000080	VOLUME	479938.909	3771274.318	362.00
LOCATION L0000081	VOLUME	479938.896	3771265.728	362.00
LOCATION L0000082	VOLUME	479938.883	3771257.138	362.00
LOCATION L0000083	VOLUME	479938.870	3771248.548	362.00
LOCATION L0000084	VOLUME	479938.857	3771239.958	362.00
LOCATION L0000085	VOLUME	479938.844	3771231.368	362.00
LOCATION L0000086	VOLUME	479938.831	3771222.778	362.00
LOCATION L0000087	VOLUME	479938.818	3771214.188	362.00
LOCATION L0000088	VOLUME	479938.806	3771205.598	362.00
LOCATION L0000089	VOLUME	479938.793	3771197.008	362.00
LOCATION L0000090	VOLUME	479938.780	3771188.418	362.00
LOCATION L0000091	VOLUME	479938.767	3771179.828	362.00
LOCATION L0000092	VOLUME	479938.754	3771171.238	362.00
LOCATION L0000093	VOLUME	479938.741	3771162.648	362.08
LOCATION L0000094	VOLUME	479938.728	3771154.058	362.26
LOCATION L0000095	VOLUME	479938.716	3771145.468	362.44
LOCATION L0000096	VOLUME	479938.703	3771136.878	362.62
LOCATION L0000097	VOLUME	479938.690	3771128.288	362.63
LOCATION L0000098	VOLUME	479938.677	3771119.698	362.63
LOCATION L0000099	VOLUME	479938.664	3771111.108	362.63
LOCATION L0000100	VOLUME	479938.651	3771102.518	362.63
LOCATION L0000101	VOLUME	479938.638	3771093.928	362.63
LOCATION L0000102	VOLUME	479938.625	3771085.338	362.62
LOCATION L0000103	VOLUME	479938.613	3771076.748	362.62
LOCATION L0000104	VOLUME	479938.600	3771068.158	362.62
LOCATION L0000105	VOLUME	479938.587	3771059.568	362.62
LOCATION L0000106	VOLUME	479938.574	3771050.978	362.62
LOCATION L0000107	VOLUME	479938.561	3771042.388	362.62
LOCATION L0000108	VOLUME	479938.548	3771033.798	362.62
LOCATION L0000109	VOLUME	479938.535	3771025.208	362.62
LOCATION L0000110	VOLUME	479938.523	3771016.618	362.62
LOCATION L0000111	VOLUME	479938.510	3771008.028	362.62
LOCATION L0000112	VOLUME	479938.497	3770999.438	362.62
LOCATION L0000113	VOLUME	479938.484	3770990.848	362.62
LOCATION L0000114	VOLUME	479938.471	3770982.258	362.67
LOCATION L0000115	VOLUME	479938.458	3770973.669	362.78
LOCATION L0000116	VOLUME	479938.445	3770965.079	362.89
LOCATION L0000117	VOLUME	479938.433	3770956.489	363.00
LOCATION L0000118	VOLUME	479938.420	3770947.899	363.00
LOCATION L0000119	VOLUME	479938.407	3770939.309	363.00
LOCATION L0000120	VOLUME	479938.394	3770930.719	363.00
LOCATION L0000121	VOLUME	479938.381	3770922.129	363.00
LOCATION L0000122	VOLUME	479938.368	3770913.539	363.00
LOCATION L0000123	VOLUME	479938.355	3770904.949	363.00
LOCATION L0000124	VOLUME	479938.342	3770896.359	363.00
LOCATION L0000125	VOLUME	479938.330	3770887.769	363.00
LOCATION L0000126	VOLUME	479938.317	3770879.179	363.00
LOCATION L0000127	VOLUME	479938.304	3770870.589	363.00
LOCATION L0000128	VOLUME	479938.291	3770861.999	363.00
LOCATION L0000129	VOLUME	479938.278	3770853.409	363.00
LOCATION L0000130	VOLUME	479938.265	3770844.819	363.00
LOCATION L0000131	VOLUME	479938.252	3770836.229	363.00
LOCATION L0000132	VOLUME	479938.240	3770827.639	363.00
LOCATION L0000133	VOLUME	479938.227	3770819.049	363.00
LOCATION L0000134	VOLUME	479938.214	3770810.459	363.00
LOCATION L0000135	VOLUME	479938.201	3770801.869	363.00

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

LOCATION VOL1	VOLUME	479986.240	3771944.186	360.210
LOCATION VOL2	VOLUME	480062.820	3771943.545	361.760
LOCATION VOL3	VOLUME	480139.404	3771943.224	362.390
LOCATION VOL4	VOLUME	480216.630	3771943.865	363.900
LOCATION VOL5	VOLUME	480293.855	3771943.545	365.470
LOCATION VOL6	VOLUME	480302.507	3771944.186	365.750
LOCATION VOL7	VOLUME	480302.186	3771890.673	365.740
LOCATION VOL8	VOLUME	480225.281	3771891.314	364.180
LOCATION VOL9	VOLUME	480148.377	3771866.960	363.400

LOCATION VOL10	VOLUME	480071.792	3771866.640	362.000
LOCATION VOL11	VOLUME	479995.528	3771866.320	361.000
LOCATION VOL12	VOLUME	479986.236	3771867.281	361.000
LOCATION VOL13	VOLUME	479986.876	3771818.895	361.230
LOCATION VOL14	VOLUME	480064.102	3771818.574	362.000
LOCATION VOL15	VOLUME	480141.007	3771818.895	363.370
LOCATION VOL16	VOLUME	480202.210	3771818.574	364.410

\*\* Source Parameters \*\*

\*\* LINE VOLUME Source ID = SLINE1

SRCPARAM L0000001	0.000002092	3.49	4.00	3.25
SRCPARAM L0000002	0.000002092	3.49	4.00	3.25
SRCPARAM L0000003	0.000002092	3.49	4.00	3.25
SRCPARAM L0000004	0.000002092	3.49	4.00	3.25
SRCPARAM L0000005	0.000002092	3.49	4.00	3.25
SRCPARAM L0000006	0.000002092	3.49	4.00	3.25
SRCPARAM L0000007	0.000002092	3.49	4.00	3.25
SRCPARAM L0000008	0.000002092	3.49	4.00	3.25
SRCPARAM L0000009	0.000002092	3.49	4.00	3.25
SRCPARAM L0000010	0.000002092	3.49	4.00	3.25
SRCPARAM L0000011	0.000002092	3.49	4.00	3.25
SRCPARAM L0000012	0.000002092	3.49	4.00	3.25
SRCPARAM L0000013	0.000002092	3.49	4.00	3.25
SRCPARAM L0000014	0.000002092	3.49	4.00	3.25
SRCPARAM L0000015	0.000002092	3.49	4.00	3.25
SRCPARAM L0000016	0.000002092	3.49	4.00	3.25
SRCPARAM L0000017	0.000002092	3.49	4.00	3.25
SRCPARAM L0000018	0.000002092	3.49	4.00	3.25
SRCPARAM L0000019	0.000002092	3.49	4.00	3.25
SRCPARAM L0000020	0.000002092	3.49	4.00	3.25
SRCPARAM L0000021	0.000002092	3.49	4.00	3.25
SRCPARAM L0000022	0.000002092	3.49	4.00	3.25
SRCPARAM L0000023	0.000002092	3.49	4.00	3.25
SRCPARAM L0000024	0.000002092	3.49	4.00	3.25
SRCPARAM L0000025	0.000002092	3.49	4.00	3.25
SRCPARAM L0000026	0.000002092	3.49	4.00	3.25
SRCPARAM L0000027	0.000002092	3.49	4.00	3.25
SRCPARAM L0000028	0.000002092	3.49	4.00	3.25
SRCPARAM L0000029	0.000002092	3.49	4.00	3.25
SRCPARAM L0000030	0.000002092	3.49	4.00	3.25
SRCPARAM L0000031	0.000002092	3.49	4.00	3.25
SRCPARAM L0000032	0.000002092	3.49	4.00	3.25
SRCPARAM L0000033	0.000002092	3.49	4.00	3.25
SRCPARAM L0000034	0.000002092	3.49	4.00	3.25
SRCPARAM L0000035	0.000002092	3.49	4.00	3.25
SRCPARAM L0000036	0.000002092	3.49	4.00	3.25
SRCPARAM L0000037	0.000002092	3.49	4.00	3.25
SRCPARAM L0000038	0.000002092	3.49	4.00	3.25
SRCPARAM L0000039	0.000002092	3.49	4.00	3.25
SRCPARAM L0000040	0.000002092	3.49	4.00	3.25
SRCPARAM L0000041	0.000002092	3.49	4.00	3.25
SRCPARAM L0000042	0.000002092	3.49	4.00	3.25
SRCPARAM L0000043	0.000002092	3.49	4.00	3.25
SRCPARAM L0000044	0.000002092	3.49	4.00	3.25
SRCPARAM L0000045	0.000002092	3.49	4.00	3.25
SRCPARAM L0000046	0.000002092	3.49	4.00	3.25
SRCPARAM L0000047	0.000002092	3.49	4.00	3.25
SRCPARAM L0000048	0.000002092	3.49	4.00	3.25
SRCPARAM L0000049	0.000002092	3.49	4.00	3.25
SRCPARAM L0000050	0.000002092	3.49	4.00	3.25
SRCPARAM L0000051	0.000002092	3.49	4.00	3.25
SRCPARAM L0000052	0.000002092	3.49	4.00	3.25
SRCPARAM L0000053	0.000002092	3.49	4.00	3.25
SRCPARAM L0000054	0.000002092	3.49	4.00	3.25
SRCPARAM L0000055	0.000002092	3.49	4.00	3.25
SRCPARAM L0000056	0.000002092	3.49	4.00	3.25
SRCPARAM L0000057	0.000002092	3.49	4.00	3.25



SRCPARAM	L0000124	0.000002092	3.49	4.00	3.25
SRCPARAM	L0000125	0.000002092	3.49	4.00	3.25
SRCPARAM	L0000126	0.000002092	3.49	4.00	3.25
SRCPARAM	L0000127	0.000002092	3.49	4.00	3.25
SRCPARAM	L0000128	0.000002092	3.49	4.00	3.25
SRCPARAM	L0000129	0.000002092	3.49	4.00	3.25
SRCPARAM	L0000130	0.000002092	3.49	4.00	3.25
SRCPARAM	L0000131	0.000002092	3.49	4.00	3.25
SRCPARAM	L0000132	0.000002092	3.49	4.00	3.25
SRCPARAM	L0000133	0.000002092	3.49	4.00	3.25
SRCPARAM	L0000134	0.000002092	3.49	4.00	3.25
SRCPARAM	L0000135	0.000002092	3.49	4.00	3.25

\*\*

SRCPARAM	VOL1	0.0007390665	5.000	17.884	1.400
SRCPARAM	VOL2	0.0007390665	5.000	17.884	1.400
SRCPARAM	VOL3	0.0007390665	5.000	17.884	1.400
SRCPARAM	VOL4	0.0007390665	5.000	17.884	1.400
SRCPARAM	VOL5	0.0007390665	5.000	17.884	1.400
SRCPARAM	VOL6	0.0007390665	5.000	17.884	1.400
SRCPARAM	VOL7	0.0007390665	5.000	17.884	1.400
SRCPARAM	VOL8	0.0007390665	5.000	17.884	1.400
SRCPARAM	VOL9	0.0007390665	5.000	17.884	1.400
SRCPARAM	VOL10	0.0007390665	5.000	17.884	1.400
SRCPARAM	VOL11	0.0007390665	5.000	17.884	1.400
SRCPARAM	VOL12	0.0007390665	5.000	17.884	1.400
SRCPARAM	VOL13	0.0007390665	5.000	17.884	1.400
SRCPARAM	VOL14	0.0007390665	5.000	17.884	1.400
SRCPARAM	VOL15	0.0007390665	5.000	17.884	1.400
SRCPARAM	VOL16	0.0007390665	5.000	17.884	1.400
URBANSRC	ALL				

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

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

\*\* WeekDays:

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































































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EMISFACT VOL13      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL13      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL13      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
EMISFACT VOL14      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL14      HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT VOL14      HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT VOL14      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
EMISFACT VOL14      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL14      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL14      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL14      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
EMISFACT VOL14      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL14      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL14      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL14      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
EMISFACT VOL15      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL15      HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT VOL15      HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT VOL15      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
EMISFACT VOL15      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL15      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL15      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL15      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
EMISFACT VOL15      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL15      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL15      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL15      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
EMISFACT VOL16      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL16      HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT VOL16      HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT VOL16      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
EMISFACT VOL16      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL16      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL16      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL16      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
EMISFACT VOL16      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL16      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL16      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL16      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
SRCGROUP ALL

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SO FINISHED

\*\*  
\*\*\*\*\*

\*\* AERMOD Receptor Pathway  
\*\*\*\*\*

\*\*  
\*\*

RE STARTING  
INCLUDED "14412 Construction.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 ANNUAL ALL "14412 CONSTRUCTION.AD\AN00GALL.PLT" 31  
SUMMFILE "14412 Construction.sum"

OU FINISHED

\*\*  
\*\*\*\*\*

\*\* Project Parameters  
\*\*\*\*\*

\*\* PROJCTN CoordinateSystemUTM  
\*\* DESCPTN UTM: Universal Transverse Mercator  
\*\* DATUM World Geodetic System 1984  
\*\* DTMRGN Global Definition  
\*\* UNITS m  
\*\* ZONE 11  
\*\* ZONEINX 0  
\*\*

```

** Lakes Environmental AERMOD MPI
**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 10.2.1
** Lakes Environmental Software Inc.
** Date: 8/26/2022
** File: C:\Users\Michael Tirohn\Desktop\HRAs\14412 Nevada Street Warehouse\14412
Construction\14412 Construction.ADI
**

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

```

```

CO STARTING
TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\14412 Nevada Street Warehouse\1
MODELOPT DFAULT CONC
AVERTIME ANNUAL
URBANOPT 2035210 San_Bernardino_County
POLLUTID DPM
RUNORNOT RUN
ERRORFIL "14412 Construction.err"
CO FINISHED

```

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

```

```

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

```

```

** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE1
** DESCRSRC Offsite
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 0.000282409
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 5

```

```

** 479941.113, 3771956.922, 360.00, 3.49, 4.00
** 479944.045, 3771589.091, 361.94, 3.49, 4.00
** 479942.150, 3771557.497, 361.89, 3.49, 4.00
** 479939.307, 3771540.220, 361.39, 3.49, 4.00
** 479938.195, 3770798.115, 362.95, 3.49, 4.00
** -----

```

LOCATION	VOLUME	X Coord.	Y Coord.	Other
L0000001	479941.147	3771952.627	359.85	
L0000002	479941.216	3771944.037	360.00	
L0000003	479941.284	3771935.448	360.00	
L0000004	479941.353	3771926.858	360.00	
L0000005	479941.421	3771918.268	360.00	
L0000006	479941.489	3771909.679	360.00	
L0000007	479941.558	3771901.089	360.00	
L0000008	479941.626	3771892.499	360.00	
L0000009	479941.695	3771883.909	360.06	
L0000010	479941.763	3771875.320	360.27	
L0000011	479941.832	3771866.730	360.48	
L0000012	479941.900	3771858.140	360.69	

LOCATION	L0000013	VOLUME	479941.969	3771849.550	360.74
LOCATION	L0000014	VOLUME	479942.037	3771840.961	360.74
LOCATION	L0000015	VOLUME	479942.106	3771832.371	360.74
LOCATION	L0000016	VOLUME	479942.174	3771823.781	360.76
LOCATION	L0000017	VOLUME	479942.243	3771815.192	360.84
LOCATION	L0000018	VOLUME	479942.311	3771806.602	360.91
LOCATION	L0000019	VOLUME	479942.380	3771798.012	360.99
LOCATION	L0000020	VOLUME	479942.448	3771789.422	361.00
LOCATION	L0000021	VOLUME	479942.517	3771780.833	361.00
LOCATION	L0000022	VOLUME	479942.585	3771772.243	361.00
LOCATION	L0000023	VOLUME	479942.654	3771763.653	361.00
LOCATION	L0000024	VOLUME	479942.722	3771755.063	361.00
LOCATION	L0000025	VOLUME	479942.791	3771746.474	361.00
LOCATION	L0000026	VOLUME	479942.859	3771737.884	361.00
LOCATION	L0000027	VOLUME	479942.928	3771729.294	361.00
LOCATION	L0000028	VOLUME	479942.996	3771720.705	361.00
LOCATION	L0000029	VOLUME	479943.065	3771712.115	361.00
LOCATION	L0000030	VOLUME	479943.133	3771703.525	361.00
LOCATION	L0000031	VOLUME	479943.202	3771694.935	361.00
LOCATION	L0000032	VOLUME	479943.270	3771686.346	361.00
LOCATION	L0000033	VOLUME	479943.339	3771677.756	361.00
LOCATION	L0000034	VOLUME	479943.407	3771669.166	361.00
LOCATION	L0000035	VOLUME	479943.475	3771660.576	361.00
LOCATION	L0000036	VOLUME	479943.544	3771651.987	361.00
LOCATION	L0000037	VOLUME	479943.612	3771643.397	361.08
LOCATION	L0000038	VOLUME	479943.681	3771634.807	361.30
LOCATION	L0000039	VOLUME	479943.749	3771626.218	361.53
LOCATION	L0000040	VOLUME	479943.818	3771617.628	361.76
LOCATION	L0000041	VOLUME	479943.886	3771609.038	361.80
LOCATION	L0000042	VOLUME	479943.955	3771600.448	361.80
LOCATION	L0000043	VOLUME	479944.023	3771591.859	361.80
LOCATION	L0000044	VOLUME	479943.697	3771583.279	361.79
LOCATION	L0000045	VOLUME	479943.182	3771574.705	361.78
LOCATION	L0000046	VOLUME	479942.668	3771566.130	361.76
LOCATION	L0000047	VOLUME	479942.153	3771557.555	361.74
LOCATION	L0000048	VOLUME	479940.764	3771549.079	361.70
LOCATION	L0000049	VOLUME	479939.370	3771540.603	361.65
LOCATION	L0000050	VOLUME	479939.295	3771532.018	361.65
LOCATION	L0000051	VOLUME	479939.282	3771523.428	361.65
LOCATION	L0000052	VOLUME	479939.269	3771514.838	361.65
LOCATION	L0000053	VOLUME	479939.256	3771506.248	361.65
LOCATION	L0000054	VOLUME	479939.243	3771497.658	361.65
LOCATION	L0000055	VOLUME	479939.230	3771489.068	361.73
LOCATION	L0000056	VOLUME	479939.217	3771480.478	361.83
LOCATION	L0000057	VOLUME	479939.204	3771471.888	361.93
LOCATION	L0000058	VOLUME	479939.192	3771463.298	362.00
LOCATION	L0000059	VOLUME	479939.179	3771454.708	362.00
LOCATION	L0000060	VOLUME	479939.166	3771446.118	362.00
LOCATION	L0000061	VOLUME	479939.153	3771437.528	362.00
LOCATION	L0000062	VOLUME	479939.140	3771428.938	362.00
LOCATION	L0000063	VOLUME	479939.127	3771420.348	362.00
LOCATION	L0000064	VOLUME	479939.114	3771411.758	362.00
LOCATION	L0000065	VOLUME	479939.102	3771403.168	362.00
LOCATION	L0000066	VOLUME	479939.089	3771394.578	362.00
LOCATION	L0000067	VOLUME	479939.076	3771385.988	362.00
LOCATION	L0000068	VOLUME	479939.063	3771377.398	362.00
LOCATION	L0000069	VOLUME	479939.050	3771368.808	362.00
LOCATION	L0000070	VOLUME	479939.037	3771360.218	362.00
LOCATION	L0000071	VOLUME	479939.024	3771351.628	362.00
LOCATION	L0000072	VOLUME	479939.011	3771343.038	362.00
LOCATION	L0000073	VOLUME	479938.999	3771334.448	362.00
LOCATION	L0000074	VOLUME	479938.986	3771325.858	362.00
LOCATION	L0000075	VOLUME	479938.973	3771317.268	362.00
LOCATION	L0000076	VOLUME	479938.960	3771308.678	362.00
LOCATION	L0000077	VOLUME	479938.947	3771300.088	362.00
LOCATION	L0000078	VOLUME	479938.934	3771291.498	362.00

LOCATION L0000079	VOLUME	479938.921	3771282.908	362.00
LOCATION L0000080	VOLUME	479938.909	3771274.318	362.00
LOCATION L0000081	VOLUME	479938.896	3771265.728	362.00
LOCATION L0000082	VOLUME	479938.883	3771257.138	362.00
LOCATION L0000083	VOLUME	479938.870	3771248.548	362.00
LOCATION L0000084	VOLUME	479938.857	3771239.958	362.00
LOCATION L0000085	VOLUME	479938.844	3771231.368	362.00
LOCATION L0000086	VOLUME	479938.831	3771222.778	362.00
LOCATION L0000087	VOLUME	479938.818	3771214.188	362.00
LOCATION L0000088	VOLUME	479938.806	3771205.598	362.00
LOCATION L0000089	VOLUME	479938.793	3771197.008	362.00
LOCATION L0000090	VOLUME	479938.780	3771188.418	362.00
LOCATION L0000091	VOLUME	479938.767	3771179.828	362.00
LOCATION L0000092	VOLUME	479938.754	3771171.238	362.00
LOCATION L0000093	VOLUME	479938.741	3771162.648	362.08
LOCATION L0000094	VOLUME	479938.728	3771154.058	362.26
LOCATION L0000095	VOLUME	479938.716	3771145.468	362.44
LOCATION L0000096	VOLUME	479938.703	3771136.878	362.62
LOCATION L0000097	VOLUME	479938.690	3771128.288	362.63
LOCATION L0000098	VOLUME	479938.677	3771119.698	362.63
LOCATION L0000099	VOLUME	479938.664	3771111.108	362.63
LOCATION L0000100	VOLUME	479938.651	3771102.518	362.63
LOCATION L0000101	VOLUME	479938.638	3771093.928	362.63
LOCATION L0000102	VOLUME	479938.625	3771085.338	362.62
LOCATION L0000103	VOLUME	479938.613	3771076.748	362.62
LOCATION L0000104	VOLUME	479938.600	3771068.158	362.62
LOCATION L0000105	VOLUME	479938.587	3771059.568	362.62
LOCATION L0000106	VOLUME	479938.574	3771050.978	362.62
LOCATION L0000107	VOLUME	479938.561	3771042.388	362.62
LOCATION L0000108	VOLUME	479938.548	3771033.798	362.62
LOCATION L0000109	VOLUME	479938.535	3771025.208	362.62
LOCATION L0000110	VOLUME	479938.523	3771016.618	362.62
LOCATION L0000111	VOLUME	479938.510	3771008.028	362.62
LOCATION L0000112	VOLUME	479938.497	3770999.438	362.62
LOCATION L0000113	VOLUME	479938.484	3770990.848	362.62
LOCATION L0000114	VOLUME	479938.471	3770982.258	362.67
LOCATION L0000115	VOLUME	479938.458	3770973.669	362.78
LOCATION L0000116	VOLUME	479938.445	3770965.079	362.89
LOCATION L0000117	VOLUME	479938.433	3770956.489	363.00
LOCATION L0000118	VOLUME	479938.420	3770947.899	363.00
LOCATION L0000119	VOLUME	479938.407	3770939.309	363.00
LOCATION L0000120	VOLUME	479938.394	3770930.719	363.00
LOCATION L0000121	VOLUME	479938.381	3770922.129	363.00
LOCATION L0000122	VOLUME	479938.368	3770913.539	363.00
LOCATION L0000123	VOLUME	479938.355	3770904.949	363.00
LOCATION L0000124	VOLUME	479938.342	3770896.359	363.00
LOCATION L0000125	VOLUME	479938.330	3770887.769	363.00
LOCATION L0000126	VOLUME	479938.317	3770879.179	363.00
LOCATION L0000127	VOLUME	479938.304	3770870.589	363.00
LOCATION L0000128	VOLUME	479938.291	3770861.999	363.00
LOCATION L0000129	VOLUME	479938.278	3770853.409	363.00
LOCATION L0000130	VOLUME	479938.265	3770844.819	363.00
LOCATION L0000131	VOLUME	479938.252	3770836.229	363.00
LOCATION L0000132	VOLUME	479938.240	3770827.639	363.00
LOCATION L0000133	VOLUME	479938.227	3770819.049	363.00
LOCATION L0000134	VOLUME	479938.214	3770810.459	363.00
LOCATION L0000135	VOLUME	479938.201	3770801.869	363.00

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

LOCATION VOL1	VOLUME	479986.240	3771944.186	360.210
LOCATION VOL2	VOLUME	480062.820	3771943.545	361.760
LOCATION VOL3	VOLUME	480139.404	3771943.224	362.390
LOCATION VOL4	VOLUME	480216.630	3771943.865	363.900
LOCATION VOL5	VOLUME	480293.855	3771943.545	365.470
LOCATION VOL6	VOLUME	480302.507	3771944.186	365.750
LOCATION VOL7	VOLUME	480302.186	3771890.673	365.740
LOCATION VOL8	VOLUME	480225.281	3771891.314	364.180

LOCATION VOL9	VOLUME	480148.377	3771866.960	363.400
LOCATION VOL10	VOLUME	480071.792	3771866.640	362.000
LOCATION VOL11	VOLUME	479995.528	3771866.320	361.000
LOCATION VOL12	VOLUME	479986.236	3771867.281	361.000
LOCATION VOL13	VOLUME	479986.876	3771818.895	361.230
LOCATION VOL14	VOLUME	480064.102	3771818.574	362.000
LOCATION VOL15	VOLUME	480141.007	3771818.895	363.370
LOCATION VOL16	VOLUME	480202.210	3771818.574	364.410

\*\* Source Parameters \*\*

\*\* LINE VOLUME Source ID = SLINE1

SRCPARAM L0000001	0.000002092	3.49	4.00	3.25
SRCPARAM L0000002	0.000002092	3.49	4.00	3.25
SRCPARAM L0000003	0.000002092	3.49	4.00	3.25
SRCPARAM L0000004	0.000002092	3.49	4.00	3.25
SRCPARAM L0000005	0.000002092	3.49	4.00	3.25
SRCPARAM L0000006	0.000002092	3.49	4.00	3.25
SRCPARAM L0000007	0.000002092	3.49	4.00	3.25
SRCPARAM L0000008	0.000002092	3.49	4.00	3.25
SRCPARAM L0000009	0.000002092	3.49	4.00	3.25
SRCPARAM L0000010	0.000002092	3.49	4.00	3.25
SRCPARAM L0000011	0.000002092	3.49	4.00	3.25
SRCPARAM L0000012	0.000002092	3.49	4.00	3.25
SRCPARAM L0000013	0.000002092	3.49	4.00	3.25
SRCPARAM L0000014	0.000002092	3.49	4.00	3.25
SRCPARAM L0000015	0.000002092	3.49	4.00	3.25
SRCPARAM L0000016	0.000002092	3.49	4.00	3.25
SRCPARAM L0000017	0.000002092	3.49	4.00	3.25
SRCPARAM L0000018	0.000002092	3.49	4.00	3.25
SRCPARAM L0000019	0.000002092	3.49	4.00	3.25
SRCPARAM L0000020	0.000002092	3.49	4.00	3.25
SRCPARAM L0000021	0.000002092	3.49	4.00	3.25
SRCPARAM L0000022	0.000002092	3.49	4.00	3.25
SRCPARAM L0000023	0.000002092	3.49	4.00	3.25
SRCPARAM L0000024	0.000002092	3.49	4.00	3.25
SRCPARAM L0000025	0.000002092	3.49	4.00	3.25
SRCPARAM L0000026	0.000002092	3.49	4.00	3.25
SRCPARAM L0000027	0.000002092	3.49	4.00	3.25
SRCPARAM L0000028	0.000002092	3.49	4.00	3.25
SRCPARAM L0000029	0.000002092	3.49	4.00	3.25
SRCPARAM L0000030	0.000002092	3.49	4.00	3.25
SRCPARAM L0000031	0.000002092	3.49	4.00	3.25
SRCPARAM L0000032	0.000002092	3.49	4.00	3.25
SRCPARAM L0000033	0.000002092	3.49	4.00	3.25
SRCPARAM L0000034	0.000002092	3.49	4.00	3.25
SRCPARAM L0000035	0.000002092	3.49	4.00	3.25
SRCPARAM L0000036	0.000002092	3.49	4.00	3.25
SRCPARAM L0000037	0.000002092	3.49	4.00	3.25
SRCPARAM L0000038	0.000002092	3.49	4.00	3.25
SRCPARAM L0000039	0.000002092	3.49	4.00	3.25
SRCPARAM L0000040	0.000002092	3.49	4.00	3.25
SRCPARAM L0000041	0.000002092	3.49	4.00	3.25
SRCPARAM L0000042	0.000002092	3.49	4.00	3.25
SRCPARAM L0000043	0.000002092	3.49	4.00	3.25
SRCPARAM L0000044	0.000002092	3.49	4.00	3.25
SRCPARAM L0000045	0.000002092	3.49	4.00	3.25
SRCPARAM L0000046	0.000002092	3.49	4.00	3.25
SRCPARAM L0000047	0.000002092	3.49	4.00	3.25
SRCPARAM L0000048	0.000002092	3.49	4.00	3.25
SRCPARAM L0000049	0.000002092	3.49	4.00	3.25
SRCPARAM L0000050	0.000002092	3.49	4.00	3.25
SRCPARAM L0000051	0.000002092	3.49	4.00	3.25
SRCPARAM L0000052	0.000002092	3.49	4.00	3.25
SRCPARAM L0000053	0.000002092	3.49	4.00	3.25
SRCPARAM L0000054	0.000002092	3.49	4.00	3.25
SRCPARAM L0000055	0.000002092	3.49	4.00	3.25
SRCPARAM L0000056	0.000002092	3.49	4.00	3.25





SRCPARAM	L0000123	0.000002092	3.49	4.00	3.25
SRCPARAM	L0000124	0.000002092	3.49	4.00	3.25
SRCPARAM	L0000125	0.000002092	3.49	4.00	3.25
SRCPARAM	L0000126	0.000002092	3.49	4.00	3.25
SRCPARAM	L0000127	0.000002092	3.49	4.00	3.25
SRCPARAM	L0000128	0.000002092	3.49	4.00	3.25
SRCPARAM	L0000129	0.000002092	3.49	4.00	3.25
SRCPARAM	L0000130	0.000002092	3.49	4.00	3.25
SRCPARAM	L0000131	0.000002092	3.49	4.00	3.25
SRCPARAM	L0000132	0.000002092	3.49	4.00	3.25
SRCPARAM	L0000133	0.000002092	3.49	4.00	3.25
SRCPARAM	L0000134	0.000002092	3.49	4.00	3.25
SRCPARAM	L0000135	0.000002092	3.49	4.00	3.25

\*\*

SRCPARAM	VOL1	0.0007390665	5.000	17.884	1.400
SRCPARAM	VOL2	0.0007390665	5.000	17.884	1.400
SRCPARAM	VOL3	0.0007390665	5.000	17.884	1.400
SRCPARAM	VOL4	0.0007390665	5.000	17.884	1.400
SRCPARAM	VOL5	0.0007390665	5.000	17.884	1.400
SRCPARAM	VOL6	0.0007390665	5.000	17.884	1.400
SRCPARAM	VOL7	0.0007390665	5.000	17.884	1.400
SRCPARAM	VOL8	0.0007390665	5.000	17.884	1.400
SRCPARAM	VOL9	0.0007390665	5.000	17.884	1.400
SRCPARAM	VOL10	0.0007390665	5.000	17.884	1.400
SRCPARAM	VOL11	0.0007390665	5.000	17.884	1.400
SRCPARAM	VOL12	0.0007390665	5.000	17.884	1.400
SRCPARAM	VOL13	0.0007390665	5.000	17.884	1.400
SRCPARAM	VOL14	0.0007390665	5.000	17.884	1.400
SRCPARAM	VOL15	0.0007390665	5.000	17.884	1.400
SRCPARAM	VOL16	0.0007390665	5.000	17.884	1.400
URBANSRC	ALL				

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

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

\*\* WeekDays:

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





























































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EMISFACT VOL13      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL13      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL13      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL13      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
EMISFACT VOL14      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL14      HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT VOL14      HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT VOL14      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
EMISFACT VOL14      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL14      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL14      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL14      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
EMISFACT VOL14      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL14      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL14      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL14      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
EMISFACT VOL15      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL15      HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT VOL15      HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT VOL15      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
EMISFACT VOL15      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL15      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL15      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL15      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
EMISFACT VOL15      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL15      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL15      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL15      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
EMISFACT VOL16      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL16      HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT VOL16      HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT VOL16      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
EMISFACT VOL16      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL16      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL16      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL16      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
EMISFACT VOL16      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL16      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL16      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL16      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
SRCGROUP ALL
```

SO FINISHED

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

```
** AERMOD Receptor Pathway
*****
```

```
**
**
```

```
RE STARTING
  INCLUDED "14412 Construction.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 ANNUAL ALL "14412 CONSTRUCTION.AD\AN00GALL.PLT" 31  
SUMMFILE "14412 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 2250 MEOPEN: THRESH\_1MIN 1-min ASOS wind speed threshold used 0.50  
ME W187 2250 MEOPEN: ADJ\_U\* Option for Stable Low Winds used in AERMET

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

\*\*\* AERMOD - VERSION 21112 \*\*\* C:\Users\Michael Tirohn\Desktop\HRAs\14412 Nevada  
Street Warehouse\1 \*\*\* 08/26/22

\*\*\* AERMET - VERSION 16216 \*\*\*  
\*\*\* 08:34:48

PAGE 1

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

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

-----

\*\*Model Is Setup For Calculation of Average CONCentration Values.

-- DEPOSITION LOGIC --

\*\*NO GAS DEPOSITION Data Provided.  
\*\*NO PARTICLE DEPOSITION Data Provided.  
\*\*Model Uses NO DRY DEPLETION. DRYDPLT = F  
\*\*Model Uses NO WET DEPLETION. WETDPLT = F

\*\*Model Uses URBAN Dispersion Algorithm for the SBL for 151 Source(s),  
for Total of 1 Urban Area(s):  
Urban Population = 2035210.0 ; Urban Roughness Length = 1.000 m

\*\*Model Uses Regulatory DEFAULT Options:

1. Stack-tip Downwash.
2. Model Accounts for ELEVated Terrain Effects.
3. Use Calms Processing Routine.
4. Use Missing Data Processing Routine.
5. No Exponential Decay.
6. Urban Roughness Length of 1.0 Meter Assumed.

\*\*Other Options Specified:

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 ANNUAL Averages Only

\*\*This Run Includes: 151 Source(s); 1 Source Group(s); and 37 Receptor(s)

with: 0 POINT(s), including  
0 POINTCAP(s) and 0 POINTHOR(s)  
and: 151 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)

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

\*\*The AERMET Input Meteorological Data Version Date: 16216

\*\*Output Options Selected:

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

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

\*\*Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 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 = 3.7 MB of RAM.

\*\*Input Runstream File:

aermod.inp

\*\*Output Print File:

aermod.out

\*\*Detailed Error/Message File: 14412

Construction.err

\*\*File for Summary of Results: 14412

Construction.sum

\*\*\* AERMOD - VERSION 21112 \*\*\* C:\Users\Michael Tirohn\Desktop\HRAs\14412 Nevada  
Street Warehouse\1 \*\*\* 08/26/22

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

\*\*\*

\*\*\*

08:34:48

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

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

SOURCE	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION	RATE		ELEV.	HEIGHT	SY	SZ
SCALAR	PART.	(GRAMS/SEC)		X				
VARY	CATS.			(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
ID		BY						
(METERS)								
L0000001	0	0.20920E-05	479941.1	3771952.6	359.9	3.49	4.00	3.25
YES HRDOW								
L0000002	0	0.20920E-05	479941.2	3771944.0	360.0	3.49	4.00	3.25
YES HRDOW								
L0000003	0	0.20920E-05	479941.3	3771935.4	360.0	3.49	4.00	3.25
YES HRDOW								
L0000004	0	0.20920E-05	479941.4	3771926.9	360.0	3.49	4.00	3.25
YES HRDOW								
L0000005	0	0.20920E-05	479941.4	3771918.3	360.0	3.49	4.00	3.25
YES HRDOW								
L0000006	0	0.20920E-05	479941.5	3771909.7	360.0	3.49	4.00	3.25
YES HRDOW								
L0000007	0	0.20920E-05	479941.6	3771901.1	360.0	3.49	4.00	3.25
YES HRDOW								
L0000008	0	0.20920E-05	479941.6	3771892.5	360.0	3.49	4.00	3.25
YES HRDOW								
L0000009	0	0.20920E-05	479941.7	3771883.9	360.1	3.49	4.00	3.25
YES HRDOW								
L0000010	0	0.20920E-05	479941.8	3771875.3	360.3	3.49	4.00	3.25
YES HRDOW								
L0000011	0	0.20920E-05	479941.8	3771866.7	360.5	3.49	4.00	3.25
YES HRDOW								
L0000012	0	0.20920E-05	479941.9	3771858.1	360.7	3.49	4.00	3.25
YES HRDOW								
L0000013	0	0.20920E-05	479942.0	3771849.5	360.7	3.49	4.00	3.25
YES HRDOW								
L0000014	0	0.20920E-05	479942.0	3771841.0	360.7	3.49	4.00	3.25
YES HRDOW								
L0000015	0	0.20920E-05	479942.1	3771832.4	360.7	3.49	4.00	3.25
YES HRDOW								
L0000016	0	0.20920E-05	479942.2	3771823.8	360.8	3.49	4.00	3.25
YES HRDOW								
L0000017	0	0.20920E-05	479942.2	3771815.2	360.8	3.49	4.00	3.25
YES HRDOW								
L0000018	0	0.20920E-05	479942.3	3771806.6	360.9	3.49	4.00	3.25
YES HRDOW								
L0000019	0	0.20920E-05	479942.4	3771798.0	361.0	3.49	4.00	3.25
YES HRDOW								
L0000020	0	0.20920E-05	479942.4	3771789.4	361.0	3.49	4.00	3.25
YES HRDOW								
L0000021	0	0.20920E-05	479942.5	3771780.8	361.0	3.49	4.00	3.25
YES HRDOW								
L0000022	0	0.20920E-05	479942.6	3771772.2	361.0	3.49	4.00	3.25
YES HRDOW								
L0000023	0	0.20920E-05	479942.7	3771763.7	361.0	3.49	4.00	3.25
YES HRDOW								
L0000024	0	0.20920E-05	479942.7	3771755.1	361.0	3.49	4.00	3.25
YES HRDOW								
L0000025	0	0.20920E-05	479942.8	3771746.5	361.0	3.49	4.00	3.25
YES HRDOW								
L0000026	0	0.20920E-05	479942.9	3771737.9	361.0	3.49	4.00	3.25



YES	HRDOW	L0000027	0	0.20920E-05	479942.9	3771729.3	361.0	3.49	4.00	3.25
YES	HRDOW	L0000028	0	0.20920E-05	479943.0	3771720.7	361.0	3.49	4.00	3.25
YES	HRDOW	L0000029	0	0.20920E-05	479943.1	3771712.1	361.0	3.49	4.00	3.25
YES	HRDOW	L0000030	0	0.20920E-05	479943.1	3771703.5	361.0	3.49	4.00	3.25
YES	HRDOW	L0000031	0	0.20920E-05	479943.2	3771694.9	361.0	3.49	4.00	3.25
YES	HRDOW	L0000032	0	0.20920E-05	479943.3	3771686.3	361.0	3.49	4.00	3.25
YES	HRDOW	L0000033	0	0.20920E-05	479943.3	3771677.8	361.0	3.49	4.00	3.25
YES	HRDOW	L0000034	0	0.20920E-05	479943.4	3771669.2	361.0	3.49	4.00	3.25
YES	HRDOW	L0000035	0	0.20920E-05	479943.5	3771660.6	361.0	3.49	4.00	3.25
YES	HRDOW	L0000036	0	0.20920E-05	479943.5	3771652.0	361.0	3.49	4.00	3.25
YES	HRDOW	L0000037	0	0.20920E-05	479943.6	3771643.4	361.1	3.49	4.00	3.25
YES	HRDOW	L0000038	0	0.20920E-05	479943.7	3771634.8	361.3	3.49	4.00	3.25
YES	HRDOW	L0000039	0	0.20920E-05	479943.7	3771626.2	361.5	3.49	4.00	3.25
YES	HRDOW	L0000040	0	0.20920E-05	479943.8	3771617.6	361.8	3.49	4.00	3.25

\*\*\* AERMOD - VERSION 21112 \*\*\* C:\Users\Michael Tirohn\Desktop\HRAs\14412 Nevada Street Warehouse\1 \*\*\* 08/26/22

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

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

SOURCE	NUMBER	EMISSION	RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION	RATE			ELEV.	HEIGHT	SY	SZ
ID	PART.	(GRAMS/SEC)		X	Y	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	SCALAR VARY	BY		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
	CATS.								
L0000041	0	0.20920E-05	479943.9	3771609.0		361.8	3.49	4.00	3.25
YES HRDOW									
L0000042	0	0.20920E-05	479944.0	3771600.4		361.8	3.49	4.00	3.25
YES HRDOW									
L0000043	0	0.20920E-05	479944.0	3771591.9		361.8	3.49	4.00	3.25
YES HRDOW									
L0000044	0	0.20920E-05	479943.7	3771583.3		361.8	3.49	4.00	3.25
YES HRDOW									
L0000045	0	0.20920E-05	479943.2	3771574.7		361.8	3.49	4.00	3.25
YES HRDOW									
L0000046	0	0.20920E-05	479942.7	3771566.1		361.8	3.49	4.00	3.25
YES HRDOW									
L0000047	0	0.20920E-05	479942.2	3771557.6		361.7	3.49	4.00	3.25
YES HRDOW									
L0000048	0	0.20920E-05	479940.8	3771549.1		361.7	3.49	4.00	3.25
YES HRDOW									
L0000049	0	0.20920E-05	479939.4	3771540.6		361.7	3.49	4.00	3.25

YES	HRDOW								
L0000050		0	0.20920E-05	479939.3	3771532.0	361.7	3.49	4.00	3.25
YES	HRDOW								
L0000051		0	0.20920E-05	479939.3	3771523.4	361.7	3.49	4.00	3.25
YES	HRDOW								
L0000052		0	0.20920E-05	479939.3	3771514.8	361.7	3.49	4.00	3.25
YES	HRDOW								
L0000053		0	0.20920E-05	479939.3	3771506.2	361.7	3.49	4.00	3.25
YES	HRDOW								
L0000054		0	0.20920E-05	479939.2	3771497.7	361.7	3.49	4.00	3.25
YES	HRDOW								
L0000055		0	0.20920E-05	479939.2	3771489.1	361.7	3.49	4.00	3.25
YES	HRDOW								
L0000056		0	0.20920E-05	479939.2	3771480.5	361.8	3.49	4.00	3.25
YES	HRDOW								
L0000057		0	0.20920E-05	479939.2	3771471.9	361.9	3.49	4.00	3.25
YES	HRDOW								
L0000058		0	0.20920E-05	479939.2	3771463.3	362.0	3.49	4.00	3.25
YES	HRDOW								
L0000059		0	0.20920E-05	479939.2	3771454.7	362.0	3.49	4.00	3.25
YES	HRDOW								
L0000060		0	0.20920E-05	479939.2	3771446.1	362.0	3.49	4.00	3.25
YES	HRDOW								
L0000061		0	0.20920E-05	479939.2	3771437.5	362.0	3.49	4.00	3.25
YES	HRDOW								
L0000062		0	0.20920E-05	479939.1	3771428.9	362.0	3.49	4.00	3.25
YES	HRDOW								
L0000063		0	0.20920E-05	479939.1	3771420.3	362.0	3.49	4.00	3.25
YES	HRDOW								
L0000064		0	0.20920E-05	479939.1	3771411.8	362.0	3.49	4.00	3.25
YES	HRDOW								
L0000065		0	0.20920E-05	479939.1	3771403.2	362.0	3.49	4.00	3.25
YES	HRDOW								
L0000066		0	0.20920E-05	479939.1	3771394.6	362.0	3.49	4.00	3.25
YES	HRDOW								
L0000067		0	0.20920E-05	479939.1	3771386.0	362.0	3.49	4.00	3.25
YES	HRDOW								
L0000068		0	0.20920E-05	479939.1	3771377.4	362.0	3.49	4.00	3.25
YES	HRDOW								
L0000069		0	0.20920E-05	479939.0	3771368.8	362.0	3.49	4.00	3.25
YES	HRDOW								
L0000070		0	0.20920E-05	479939.0	3771360.2	362.0	3.49	4.00	3.25
YES	HRDOW								
L0000071		0	0.20920E-05	479939.0	3771351.6	362.0	3.49	4.00	3.25
YES	HRDOW								
L0000072		0	0.20920E-05	479939.0	3771343.0	362.0	3.49	4.00	3.25
YES	HRDOW								
L0000073		0	0.20920E-05	479939.0	3771334.4	362.0	3.49	4.00	3.25
YES	HRDOW								
L0000074		0	0.20920E-05	479939.0	3771325.9	362.0	3.49	4.00	3.25
YES	HRDOW								
L0000075		0	0.20920E-05	479939.0	3771317.3	362.0	3.49	4.00	3.25
YES	HRDOW								
L0000076		0	0.20920E-05	479939.0	3771308.7	362.0	3.49	4.00	3.25
YES	HRDOW								
L0000077		0	0.20920E-05	479938.9	3771300.1	362.0	3.49	4.00	3.25
YES	HRDOW								
L0000078		0	0.20920E-05	479938.9	3771291.5	362.0	3.49	4.00	3.25
YES	HRDOW								
L0000079		0	0.20920E-05	479938.9	3771282.9	362.0	3.49	4.00	3.25
YES	HRDOW								
L0000080		0	0.20920E-05	479938.9	3771274.3	362.0	3.49	4.00	3.25
YES	HRDOW								

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

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

SOURCE	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.	INIT.	
SOURCE	URBAN	EMISSION	RATE		ELEV.	HEIGHT	SY	SZ	
ID	PART.	(GRAMS/SEC)		X					
(METERS)	CATS.		BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	
L0000081	0	0.20920E-05		479938.9	3771265.7	362.0	3.49	4.00	3.25
YES HRDOW									
L0000082	0	0.20920E-05		479938.9	3771257.1	362.0	3.49	4.00	3.25
YES HRDOW									
L0000083	0	0.20920E-05		479938.9	3771248.5	362.0	3.49	4.00	3.25
YES HRDOW									
L0000084	0	0.20920E-05		479938.9	3771240.0	362.0	3.49	4.00	3.25
YES HRDOW									
L0000085	0	0.20920E-05		479938.8	3771231.4	362.0	3.49	4.00	3.25
YES HRDOW									
L0000086	0	0.20920E-05		479938.8	3771222.8	362.0	3.49	4.00	3.25
YES HRDOW									
L0000087	0	0.20920E-05		479938.8	3771214.2	362.0	3.49	4.00	3.25
YES HRDOW									
L0000088	0	0.20920E-05		479938.8	3771205.6	362.0	3.49	4.00	3.25
YES HRDOW									
L0000089	0	0.20920E-05		479938.8	3771197.0	362.0	3.49	4.00	3.25
YES HRDOW									
L0000090	0	0.20920E-05		479938.8	3771188.4	362.0	3.49	4.00	3.25
YES HRDOW									
L0000091	0	0.20920E-05		479938.8	3771179.8	362.0	3.49	4.00	3.25
YES HRDOW									
L0000092	0	0.20920E-05		479938.8	3771171.2	362.0	3.49	4.00	3.25
YES HRDOW									
L0000093	0	0.20920E-05		479938.7	3771162.6	362.1	3.49	4.00	3.25
YES HRDOW									
L0000094	0	0.20920E-05		479938.7	3771154.1	362.3	3.49	4.00	3.25
YES HRDOW									
L0000095	0	0.20920E-05		479938.7	3771145.5	362.4	3.49	4.00	3.25
YES HRDOW									
L0000096	0	0.20920E-05		479938.7	3771136.9	362.6	3.49	4.00	3.25
YES HRDOW									
L0000097	0	0.20920E-05		479938.7	3771128.3	362.6	3.49	4.00	3.25
YES HRDOW									
L0000098	0	0.20920E-05		479938.7	3771119.7	362.6	3.49	4.00	3.25
YES HRDOW									
L0000099	0	0.20920E-05		479938.7	3771111.1	362.6	3.49	4.00	3.25
YES HRDOW									
L0000100	0	0.20920E-05		479938.7	3771102.5	362.6	3.49	4.00	3.25
YES HRDOW									
L0000101	0	0.20920E-05		479938.6	3771093.9	362.6	3.49	4.00	3.25
YES HRDOW									
L0000102	0	0.20920E-05		479938.6	3771085.3	362.6	3.49	4.00	3.25
YES HRDOW									
L0000103	0	0.20920E-05		479938.6	3771076.7	362.6	3.49	4.00	3.25
YES HRDOW									
L0000104	0	0.20920E-05		479938.6	3771068.2	362.6	3.49	4.00	3.25
YES HRDOW									
L0000105	0	0.20920E-05		479938.6	3771059.6	362.6	3.49	4.00	3.25

YES	HRDOW								
L0000106		0	0.20920E-05	479938.6	3771051.0	362.6	3.49	4.00	3.25
YES	HRDOW								
L0000107		0	0.20920E-05	479938.6	3771042.4	362.6	3.49	4.00	3.25
YES	HRDOW								
L0000108		0	0.20920E-05	479938.5	3771033.8	362.6	3.49	4.00	3.25
YES	HRDOW								
L0000109		0	0.20920E-05	479938.5	3771025.2	362.6	3.49	4.00	3.25
YES	HRDOW								
L0000110		0	0.20920E-05	479938.5	3771016.6	362.6	3.49	4.00	3.25
YES	HRDOW								
L0000111		0	0.20920E-05	479938.5	3771008.0	362.6	3.49	4.00	3.25
YES	HRDOW								
L0000112		0	0.20920E-05	479938.5	3770999.4	362.6	3.49	4.00	3.25
YES	HRDOW								
L0000113		0	0.20920E-05	479938.5	3770990.8	362.6	3.49	4.00	3.25
YES	HRDOW								
L0000114		0	0.20920E-05	479938.5	3770982.3	362.7	3.49	4.00	3.25
YES	HRDOW								
L0000115		0	0.20920E-05	479938.5	3770973.7	362.8	3.49	4.00	3.25
YES	HRDOW								
L0000116		0	0.20920E-05	479938.4	3770965.1	362.9	3.49	4.00	3.25
YES	HRDOW								
L0000117		0	0.20920E-05	479938.4	3770956.5	363.0	3.49	4.00	3.25
YES	HRDOW								
L0000118		0	0.20920E-05	479938.4	3770947.9	363.0	3.49	4.00	3.25
YES	HRDOW								
L0000119		0	0.20920E-05	479938.4	3770939.3	363.0	3.49	4.00	3.25
YES	HRDOW								
L0000120		0	0.20920E-05	479938.4	3770930.7	363.0	3.49	4.00	3.25

\*\*\* AERMOD - VERSION 21112 \*\*\* C:\Users\Michael Tirohn\Desktop\HRAs\14412 Nevada Street Warehouse\1 \*\*\* 08/26/22

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

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

SOURCE	NUMBER	EMISSION	RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION	RATE			ELEV.	HEIGHT	SY	SZ
SCALAR	PART.	(GRAMS/SEC)		X	Y	(METERS)	(METERS)	(METERS)	(METERS)
ID	CATS.	BY		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)									
L0000121	0	0.20920E-05	479938.4	3770922.1		363.0	3.49	4.00	3.25
YES	HRDOW								
L0000122	0	0.20920E-05	479938.4	3770913.5		363.0	3.49	4.00	3.25
YES	HRDOW								
L0000123	0	0.20920E-05	479938.4	3770904.9		363.0	3.49	4.00	3.25
YES	HRDOW								
L0000124	0	0.20920E-05	479938.3	3770896.4		363.0	3.49	4.00	3.25
YES	HRDOW								
L0000125	0	0.20920E-05	479938.3	3770887.8		363.0	3.49	4.00	3.25
YES	HRDOW								
L0000126	0	0.20920E-05	479938.3	3770879.2		363.0	3.49	4.00	3.25
YES	HRDOW								
L0000127	0	0.20920E-05	479938.3	3770870.6		363.0	3.49	4.00	3.25
YES	HRDOW								
L0000128	0	0.20920E-05	479938.3	3770862.0		363.0	3.49	4.00	3.25

YES	HRDOW								
L0000129		0	0.20920E-05	479938.3	3770853.4	363.0	3.49	4.00	3.25
YES	HRDOW								
L0000130		0	0.20920E-05	479938.3	3770844.8	363.0	3.49	4.00	3.25
YES	HRDOW								
L0000131		0	0.20920E-05	479938.3	3770836.2	363.0	3.49	4.00	3.25
YES	HRDOW								
L0000132		0	0.20920E-05	479938.2	3770827.6	363.0	3.49	4.00	3.25
YES	HRDOW								
L0000133		0	0.20920E-05	479938.2	3770819.0	363.0	3.49	4.00	3.25
YES	HRDOW								
L0000134		0	0.20920E-05	479938.2	3770810.5	363.0	3.49	4.00	3.25
YES	HRDOW								
L0000135		0	0.20920E-05	479938.2	3770801.9	363.0	3.49	4.00	3.25
YES	HRDOW								
VOL1		0	0.73907E-03	479986.2	3771944.2	360.2	5.00	17.88	1.40
YES	HRDOW								
VOL2		0	0.73907E-03	480062.8	3771943.5	361.8	5.00	17.88	1.40
YES	HRDOW								
VOL3		0	0.73907E-03	480139.4	3771943.2	362.4	5.00	17.88	1.40
YES	HRDOW								
VOL4		0	0.73907E-03	480216.6	3771943.9	363.9	5.00	17.88	1.40
YES	HRDOW								
VOL5		0	0.73907E-03	480293.9	3771943.5	365.5	5.00	17.88	1.40
YES	HRDOW								
VOL6		0	0.73907E-03	480302.5	3771944.2	365.8	5.00	17.88	1.40
YES	HRDOW								
VOL7		0	0.73907E-03	480302.2	3771890.7	365.7	5.00	17.88	1.40
YES	HRDOW								
VOL8		0	0.73907E-03	480225.3	3771891.3	364.2	5.00	17.88	1.40
YES	HRDOW								
VOL9		0	0.73907E-03	480148.4	3771867.0	363.4	5.00	17.88	1.40
YES	HRDOW								
VOL10		0	0.73907E-03	480071.8	3771866.6	362.0	5.00	17.88	1.40
YES	HRDOW								
VOL11		0	0.73907E-03	479995.5	3771866.3	361.0	5.00	17.88	1.40
YES	HRDOW								
VOL12		0	0.73907E-03	479986.2	3771867.3	361.0	5.00	17.88	1.40
YES	HRDOW								
VOL13		0	0.73907E-03	479986.9	3771818.9	361.2	5.00	17.88	1.40
YES	HRDOW								
VOL14		0	0.73907E-03	480064.1	3771818.6	362.0	5.00	17.88	1.40
YES	HRDOW								
VOL15		0	0.73907E-03	480141.0	3771818.9	363.4	5.00	17.88	1.40
YES	HRDOW								
VOL16		0	0.73907E-03	480202.2	3771818.6	364.4	5.00	17.88	1.40
YES	HRDOW								

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

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

SRCGROUP ID

SOURCE IDs

-----

ALL	L0000001	,	L0000002	,	L0000003	,	L0000004	,	L0000005	,	L0000006	,
	L0000007	,	L0000008	,								
	L0000009	,	L0000010	,	L0000011	,	L0000012	,	L0000013	,	L0000014	,

-----

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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 ,
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L0000065 , L0000066 , L0000067 , L0000068 , L0000069 , L0000070 ,
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L0000073 , L0000074 , L0000075 , L0000076 , L0000077 , L0000078 ,
L0000079 , L0000080 ,
L0000081 , L0000082 , L0000083 , L0000084 , L0000085 , L0000086 ,
L0000087 , L0000088 ,
L0000089 , L0000090 , L0000091 , L0000092 , L0000093 , L0000094 ,
L0000095 , L0000096 ,
L0000097 , L0000098 , L0000099 , L0000100 , L0000101 , L0000102 ,
L0000103 , L0000104 ,
L0000105 , L0000106 , L0000107 , L0000108 , L0000109 , L0000110 ,
L0000111 , L0000112 ,
L0000113 , L0000114 , L0000115 , L0000116 , L0000117 , L0000118 ,
L0000119 , L0000120 ,
L0000121 , L0000122 , L0000123 , L0000124 , L0000125 , L0000126 ,
L0000127 , L0000128 ,
L0000129 , L0000130 , L0000131 , L0000132 , L0000133 , L0000134 ,
L0000135 , VOL1 ,
VOL2 , VOL3 , VOL4 , VOL5 , VOL6 , VOL7 ,
VOL8 , VOL9 ,
VOL10 , VOL11 , VOL12 , VOL13 , VOL14 , VOL15 ,
VOL16 ,

```

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Street Warehouse\1 *** 08/26/22

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

```

```

URBAN ID URBAN POP
-----

```

```

SOURCE IDs
-----

```

2035210. 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 ,  
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 L0000047 , L0000048 ,  
 L0000049 , L0000050 , L0000051 , L0000052 , L0000053 , L0000054 ,  
 L0000055 , L0000056 ,  
 L0000057 , L0000058 , L0000059 , L0000060 , L0000061 , L0000062 ,  
 L0000063 , L0000064 ,  
 L0000065 , L0000066 , L0000067 , L0000068 , L0000069 , L0000070 ,  
 L0000071 , L0000072 ,  
 L0000073 , L0000074 , L0000075 , L0000076 , L0000077 , L0000078 ,  
 L0000079 , L0000080 ,  
 L0000081 , L0000082 , L0000083 , L0000084 , L0000085 , L0000086 ,  
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 L0000095 , L0000096 ,  
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 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 , VOL1 ,  
 VOL2 , VOL3 , VOL4 , VOL5 , VOL6 , VOL7 ,  
 VOL8 , VOL9 ,  
 VOL10 , VOL11 , VOL12 , VOL13 , VOL14 , VOL15 ,  
 VOL16 ,

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .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 = L0000005 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

-----

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

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

-----

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

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

-----  
-----

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

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

SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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\*\*\* MODELOPTs: 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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Street Warehouse\1 \*\*\* 08/26/22
\*\*\* AERMET - VERSION 16216 \*\*\*
\*\*\* 08:34:48

\*\*\* 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 :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY 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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\*\*\* 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 :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY 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 3 rows of scalar values for Sunday. Values range from .0000E+00 to .1000E+01.

.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .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 :

SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
--------	-------	--------	-------	--------	-------	--------	-------	--------	-------

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.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 = L0000013 ; SOURCE TYPE = VOLUME :

SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
--------	-------	--------	-------	--------	-------	--------	-------	--------	-------

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

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

DAY OF WEEK = SUNDAY

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

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

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

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

DAY OF WEEK = WEEKDAY

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

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0000018 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

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

-----  
-----

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

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

-----  
-----

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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\*\*\* MODELOPTs: 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 :  
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
 SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

.0000E+00 23 .0000E+00 24 .0000E+00  
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\*\*\* MODELOPTs: RegDEFAULT 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: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

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

DAY OF WEEK = SUNDAY

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

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

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0000031 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14



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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .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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\*\*\* 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 :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0000034 ; SOURCE TYPE = VOLUME :  
HR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0000036 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .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 = 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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\*\*\* 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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\*\*\* 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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\*\*\* 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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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

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

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

-----

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

(HRDOW) \*

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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\*\*\* MODELOPTs: 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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\*\*\* 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

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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\*\*\* 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

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

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

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

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

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

DAY OF WEEK = WEEKDAY

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

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .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 = L0000048 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

-----

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0000049 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0000050 ; SOURCE TYPE = VOLUME :  
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
 SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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\*\*\* 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 :

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 = L0000052 ; 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 = L0000053 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0000056 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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\*\*\* 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

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

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6

.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .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 :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .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 = L0000063 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0000064 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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\*\*\* MODELOPTs: 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

\*\*\* MODELOPTs: RegDEFAULT 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

Table with 12 columns (HOUR, SCALAR) and 24 rows of data for Weekday. Values range from .0000E+00 to .1000E+01.

DAY OF WEEK = SATURDAY

Table with 12 columns (HOUR, SCALAR) and 24 rows of data for Saturday. All values are .0000E+00.

DAY OF WEEK = SUNDAY

Table with 12 columns (HOUR, SCALAR) and 24 rows of data for Sunday. All values are .0000E+00.

\*\*\* MODELOPTs: RegDEFAULT 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

Table with 12 columns (HOUR, SCALAR) and 24 rows of data for Weekday. Values range from .0000E+00 to .1000E+01.

DAY OF WEEK = SATURDAY

Table with 12 columns (HOUR, SCALAR) and 24 rows of data for Saturday. All values are .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 = L0000071 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

-----

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0000072 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

-----

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14  
.1000E+01 15 .1000E+01 16 .1000E+01

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .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 = 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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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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



SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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\*\*\* 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

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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 :
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 = L0000077 ; 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 = L0000078 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22  
.0000E+00 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 = L0000079 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

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

DAY OF WEEK = SUNDAY

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

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

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0000081 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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\*\*\* MODELOPTs: RegDEFAULT 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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Street Warehouse\1 \*\*\* 08/26/22

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

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

SOURCE ID = 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 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .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 = L0000085 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .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 = L0000086 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .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 = L0000087 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0000088 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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



DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0000089 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Street Warehouse\1 \*\*\* 08/26/22
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

SOURCE ID = L0000090 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0000091 ; SOURCE TYPE = VOLUME :

SCALAR	HOURLY	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: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

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

SOURCE ID = L0000092 ; SOURCE TYPE = VOLUME :  
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
 SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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\*\*\* 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

.0000E+00 23 .0000E+00 24 .0000E+00  
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Street Warehouse\1 \*\*\* 08/26/22  
\*\*\* AERMET - VERSION 16216 \*\*\*  
\*\*\* 08:34:48

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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 = 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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Street Warehouse\1 \*\*\* 08/26/22  
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\*\*\* 08:34:48

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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 = L0000095 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0000096 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0000097 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .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 HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0000102 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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



9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .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 = 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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\*\*\* 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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\*\*\* 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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Street Warehouse\1 \*\*\* 08/26/22  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

SOURCE ID = L0000106 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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\*\*\* MODELOPTs: RegDEFAULT 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

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

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

SOURCE ID = L0000109 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0000110 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0000113 ; SOURCE TYPE = VOLUME :  
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
 SCALAR HOUR SCALAR HOUR SCALAR

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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

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0000114 ; SOURCE TYPE = VOLUME :

HR SCALAR HR SCALAR HR SCALAR HR SCALAR HR SCALAR
SCALAR HR SCALAR HR 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 = L0000115 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Street Warehouse\1 \*\*\* 08/26/22
\*\*\* AERMET - VERSION 16216 \*\*\*
\*\*\* 08:34:48

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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 = L0000116 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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\*\*\* MODELOPTs: 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 :

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 = L0000118 ; 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 = L0000119 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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\*\*\* MODELOPTs: 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: RegDFAULT 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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\*\*\* 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 = L0000123 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

-----  
-----

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0000124 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0000125 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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\*\*\* 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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\*\*\* 08:34:48

\*\*\* 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 23 .0000E+00 24 .0000E+00

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

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6

.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .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 = 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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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

SOURCE ID = L0000129 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Street Warehouse\1 \*\*\* 08/26/22  
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

SOURCE ID = 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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Street Warehouse\1 \*\*\* 08/26/22  
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\*\*\* 08:34:48

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

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

SOURCE ID = L0000131 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR



DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0000132 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0000133 ; SOURCE TYPE = VOLUME :  
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
 SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0000135 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = VOL1 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

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

DAY OF WEEK = SUNDAY

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

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\*\*\* 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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\*\*\* 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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\*\*\* 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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Street Warehouse\1 \*\*\* 08/26/22
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

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

SOURCE ID = 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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Street Warehouse\1 \*\*\* 08/26/22
\*\*\* AERMET - VERSION 16216 \*\*\*
\*\*\* 08:34:48

\*\*\* 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 :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

\*\*\* 08:34:48

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

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

SOURCE ID = VOL8 ; SOURCE TYPE = VOLUME :
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 = VOL9 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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



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

DAY OF WEEK = SUNDAY

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

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
.0000E+00 7 .0000E+00 8 .0000E+00  
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
.0000E+00 15 .0000E+00 16 .0000E+00  
17 .0000E+00 18 .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 = VOL12 ; SOURCE TYPE = VOLUME :  
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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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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\*\*\* 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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6  
 .0000E+00 7 .0000E+00 8 .0000E+00  
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14  
 .0000E+00 15 .0000E+00 16 .0000E+00  
 17 .0000E+00 18 .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 = VOL15 ; SOURCE TYPE = VOLUME :  
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR  
 SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

( 480388.3, 3772069.2, 366.0, 366.0, 0.0); ( 480390.3, 3771844.4,  
367.0, 367.0, 0.0);  
( 480370.5, 3771666.5, 367.0, 367.0, 0.0); ( 480225.1, 3771724.1,  
365.0, 365.0, 0.0);  
( 479979.1, 3771725.6, 362.0, 362.0, 0.0); ( 479859.8, 3771721.7,  
360.0, 360.0, 0.0);  
( 480145.8, 3772132.7, 360.0, 360.0, 0.0); ( 479875.2, 3771536.2,  
360.8, 360.8, 0.0);  
( 479082.7, 3771837.4, 349.7, 349.7, 0.0); ( 479485.2, 3773466.6,  
350.0, 350.0, 0.0);  
( 481976.5, 3771355.4, 393.0, 393.0, 0.0); ( 482390.5, 3771684.3,  
397.0, 397.0, 0.0);  
( 482397.3, 3771525.8, 398.0, 398.0, 0.0); ( 482378.5, 3771136.0,  
400.9, 400.9, 0.0);  
( 479987.5, 3771357.3, 362.2, 362.2, 0.0); ( 479878.9, 3771135.0,  
362.0, 362.0, 0.0);  
( 479962.6, 3771140.2, 362.9, 362.9, 0.0); ( 480178.4, 3770932.6,  
366.0, 366.0, 0.0);  
( 480179.1, 3770832.9, 366.1, 366.1, 0.0); ( 480426.2, 3770691.6,



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 21112 \*\*\* C:\Users\Michael Tirohn\Desktop\HRAs\14412 Nevada Street Warehouse\1 \*\*\* 08/26/22

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

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

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

INCLUDING SOURCE(S): 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 , . . .

\*\*\* DISCRETE CARTESIAN RECEPTOR POINTS \*\*\*

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)
480388.30	3772069.25	0.00903	480390.27	
3771844.44	0.02529			
480370.55	3771666.47	0.00776	480225.12	
3771724.15	0.02148			
479979.11	3771725.63	0.01828	479859.80	
3771721.69	0.00692			
480145.78	3772132.66	0.00775	479875.23	
3771536.24	0.00298			
479082.72	3771837.40	0.00041	479485.23	
3773466.60	0.00021			
481976.50	3771355.40	0.00042	482390.48	
3771684.35	0.00032			
482397.28	3771525.78	0.00033	482378.50	
3771136.00	0.00031			
479987.47	3771357.29	0.00233	479878.93	
3771134.98	0.00130			
479962.62	3771140.21	0.00281	480178.41	
3770932.56	0.00059			
480179.09	3770832.89	0.00050	480426.21	
3770691.58	0.00035			
480564.79	3770835.62	0.00042	479963.37	
3770858.83	0.00227			
480555.24	3770698.41	0.00034	479916.95	
3770731.86	0.00049			
480861.35	3770712.98	0.00034	480944.36	
3770711.72	0.00033			
480831.17	3770623.68	0.00030	480971.19	

```

3770642.13      0.00031
480814.96      3770808.86      0.00039      481074.07
3770813.90      0.00037
477499.03      3770759.08      0.00011      477499.03
3770829.97      0.00011
479880.75      3770843.24      0.00092      480139.68
3770763.86      0.00045
481898.93      3771533.63      0.00046      480677.43
3770755.65      0.00037
480624.85      3770742.15
0.00036

```

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*** AERMOD - VERSION 21112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14412 Nevada
Street Warehouse\1 ***      08/26/22
*** AERMET - VERSION 16216 ***
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\*\*\* MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ\_U\*

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

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

NETWORK

GROUP ID ZFLAG)	NETWORK OF TYPE GRID-ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL,
ALL 367.00,	1ST HIGHEST VALUE IS 0.00) DC	0.02529 AT (	480390.27, 3771844.44, 367.00,
	2ND HIGHEST VALUE IS 365.00, 0.00) DC	0.02148 AT (	480225.12, 3771724.15, 365.00,
	3RD HIGHEST VALUE IS 361.97, 0.00) DC	0.01828 AT (	479979.11, 3771725.63, 361.97,
	4TH HIGHEST VALUE IS 365.96, 0.00) DC	0.00903 AT (	480388.30, 3772069.25, 365.96,
	5TH HIGHEST VALUE IS 367.02, 0.00) DC	0.00776 AT (	480370.55, 3771666.47, 367.02,
	6TH HIGHEST VALUE IS 360.00, 0.00) DC	0.00775 AT (	480145.78, 3772132.66, 360.00,
	7TH HIGHEST VALUE IS 360.00, 0.00) DC	0.00692 AT (	479859.80, 3771721.69, 360.00,
	8TH HIGHEST VALUE IS 360.84, 0.00) DC	0.00298 AT (	479875.23, 3771536.24, 360.84,
	9TH HIGHEST VALUE IS 362.92, 0.00) DC	0.00281 AT (	479962.62, 3771140.21, 362.92,
	10TH HIGHEST VALUE IS 362.25, 0.00) DC	0.00233 AT (	479987.47, 3771357.29, 362.25,

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

```

*** AERMOD - VERSION 21112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14412 Nevada
Street Warehouse\1 ***      08/26/22
*** AERMET - VERSION 16216 ***
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\*\*\* MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ\_U\*

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

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

A Total of 0 Fatal Error Message(s)  
A Total of 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 2250 MEOPEN: THRESH\_1MIN 1-min ASOS wind speed threshold used 0.50  
ME W187 2250 MEOPEN: ADJ\_U\* Option for Stable Low Winds used in AERMET

\*\*\*\*\*  
\*\*\* AERMOD Finishes Successfully \*\*\*  
\*\*\*\*\*

```

**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 10.2.1
** Lakes Environmental Software Inc.
** Date: 8/24/2022
** File: C:\Users\Michael Tirohn\Desktop\HRAs\14412 Nevada Street Warehouse\14412 Ops\14412
Ops.ADI

```

```

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

```

```

CO STARTING
  TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\14412 Nevada Street Warehouse\1
  MODELOPT DFAULT CONC
  AVERTIME ANNUAL
  URBANOPT 2035210 San_Bernardino_County
  POLLUTID DPM
  RUNORNOT RUN
  ERRORFIL "14412 Ops.err"

```

```

CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**

```

```

SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE1
** DESCRSRC Idle
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 0.00004769
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 480019.042, 3771935.814, 360.93, 3.49, 4.00
** 480277.947, 3771935.376, 364.98, 3.49, 4.00
** -----

```

LOCATION	VOLUME	X Coord.	Y Coord.	Z
L0000643	480023.337	3771935.806	361.00	
L0000644	480031.927	3771935.792	361.00	
L0000645	480040.517	3771935.777	361.02	
L0000646	480049.107	3771935.763	361.31	
L0000647	480057.697	3771935.748	361.59	
L0000648	480066.287	3771935.734	361.88	
L0000649	480074.877	3771935.719	362.00	
L0000650	480083.467	3771935.705	362.00	
L0000651	480092.057	3771935.690	362.00	
L0000652	480100.647	3771935.676	362.01	
L0000653	480109.237	3771935.661	362.11	
L0000654	480117.827	3771935.647	362.21	
L0000655	480126.417	3771935.632	362.31	
L0000656	480135.007	3771935.618	362.47	
L0000657	480143.597	3771935.603	362.65	
L0000658	480152.187	3771935.589	362.83	

LOCATION	L0000659	VOLUME	480160.777	3771935.574	363.01
LOCATION	L0000660	VOLUME	480169.367	3771935.560	363.11
LOCATION	L0000661	VOLUME	480177.957	3771935.545	363.22
LOCATION	L0000662	VOLUME	480186.547	3771935.531	363.32
LOCATION	L0000663	VOLUME	480195.137	3771935.516	363.47
LOCATION	L0000664	VOLUME	480203.727	3771935.502	363.65
LOCATION	L0000665	VOLUME	480212.317	3771935.487	363.84
LOCATION	L0000666	VOLUME	480220.907	3771935.473	364.01
LOCATION	L0000667	VOLUME	480229.497	3771935.458	364.12
LOCATION	L0000668	VOLUME	480238.087	3771935.444	364.22
LOCATION	L0000669	VOLUME	480246.677	3771935.429	364.32
LOCATION	L0000670	VOLUME	480255.267	3771935.415	364.48
LOCATION	L0000671	VOLUME	480263.857	3771935.400	364.66
LOCATION	L0000672	VOLUME	480272.447	3771935.386	364.84

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

\*\* -----

\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE2

\*\* DESCRSRC Onsite

\*\* PREFIX

\*\* Length of Side = 8.59

\*\* Configuration = Adjacent

\*\* Emission Rate = 0.00001235

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 2

\*\* 480275.958, 3771955.784, 364.96, 3.49, 4.00

\*\* 479954.229, 3771955.482, 360.00, 3.49, 4.00

\*\* -----

LOCATION	L0000673	VOLUME	480271.663	3771955.780	364.73
LOCATION	L0000674	VOLUME	480263.073	3771955.772	364.44
LOCATION	L0000675	VOLUME	480254.483	3771955.764	364.15
LOCATION	L0000676	VOLUME	480245.893	3771955.756	364.00
LOCATION	L0000677	VOLUME	480237.303	3771955.748	364.00
LOCATION	L0000678	VOLUME	480228.713	3771955.740	364.00
LOCATION	L0000679	VOLUME	480220.123	3771955.732	364.00
LOCATION	L0000680	VOLUME	480211.533	3771955.724	363.72
LOCATION	L0000681	VOLUME	480202.943	3771955.716	363.44
LOCATION	L0000682	VOLUME	480194.353	3771955.708	363.15
LOCATION	L0000683	VOLUME	480185.763	3771955.700	363.00
LOCATION	L0000684	VOLUME	480177.173	3771955.691	363.00
LOCATION	L0000685	VOLUME	480168.583	3771955.683	363.00
LOCATION	L0000686	VOLUME	480159.993	3771955.675	363.00
LOCATION	L0000687	VOLUME	480151.403	3771955.667	362.72
LOCATION	L0000688	VOLUME	480142.813	3771955.659	362.43
LOCATION	L0000689	VOLUME	480134.223	3771955.651	362.14
LOCATION	L0000690	VOLUME	480125.633	3771955.643	362.00
LOCATION	L0000691	VOLUME	480117.043	3771955.635	362.00
LOCATION	L0000692	VOLUME	480108.453	3771955.627	362.00
LOCATION	L0000693	VOLUME	480099.863	3771955.619	362.00
LOCATION	L0000694	VOLUME	480091.273	3771955.611	361.91
LOCATION	L0000695	VOLUME	480082.683	3771955.603	361.82
LOCATION	L0000696	VOLUME	480074.093	3771955.594	361.73
LOCATION	L0000697	VOLUME	480065.503	3771955.586	361.59
LOCATION	L0000698	VOLUME	480056.913	3771955.578	361.39
LOCATION	L0000699	VOLUME	480048.323	3771955.570	361.19
LOCATION	L0000700	VOLUME	480039.733	3771955.562	361.00
LOCATION	L0000701	VOLUME	480031.143	3771955.554	360.91
LOCATION	L0000702	VOLUME	480022.553	3771955.546	360.82
LOCATION	L0000703	VOLUME	480013.963	3771955.538	360.73
LOCATION	L0000704	VOLUME	480005.373	3771955.530	360.59
LOCATION	L0000705	VOLUME	479996.783	3771955.522	360.39
LOCATION	L0000706	VOLUME	479988.193	3771955.514	360.19
LOCATION	L0000707	VOLUME	479979.603	3771955.506	360.00
LOCATION	L0000708	VOLUME	479971.013	3771955.498	359.91
LOCATION	L0000709	VOLUME	479962.423	3771955.489	359.82

\*\* End of LINE VOLUME Source ID = SLINE2

\*\*

\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE3

\*\* DESCRSRC Offsite Nevada

\*\* PREFIX

\*\* Length of Side = 8.59

\*\* Configuration = Adjacent

\*\* Emission Rate = 0.00001642

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 5

\*\* 479941.113, 3771956.922, 360.00, 3.49, 4.00

\*\* 479944.045, 3771589.091, 361.94, 3.49, 4.00

\*\* 479942.150, 3771557.497, 361.89, 3.49, 4.00

\*\* 479939.307, 3771540.220, 361.39, 3.49, 4.00

\*\* 479938.195, 3770798.115, 362.95, 3.49, 4.00

\*\*

LOCATION	L0000710	VOLUME	479941.147	3771952.627	359.85
LOCATION	L0000711	VOLUME	479941.216	3771944.037	360.00
LOCATION	L0000712	VOLUME	479941.284	3771935.448	360.00
LOCATION	L0000713	VOLUME	479941.353	3771926.858	360.00
LOCATION	L0000714	VOLUME	479941.421	3771918.268	360.00
LOCATION	L0000715	VOLUME	479941.489	3771909.679	360.00
LOCATION	L0000716	VOLUME	479941.558	3771901.089	360.00
LOCATION	L0000717	VOLUME	479941.626	3771892.499	360.00
LOCATION	L0000718	VOLUME	479941.695	3771883.909	360.06
LOCATION	L0000719	VOLUME	479941.763	3771875.320	360.27
LOCATION	L0000720	VOLUME	479941.832	3771866.730	360.48
LOCATION	L0000721	VOLUME	479941.900	3771858.140	360.69
LOCATION	L0000722	VOLUME	479941.969	3771849.550	360.74
LOCATION	L0000723	VOLUME	479942.037	3771840.961	360.74
LOCATION	L0000724	VOLUME	479942.106	3771832.371	360.74
LOCATION	L0000725	VOLUME	479942.174	3771823.781	360.76
LOCATION	L0000726	VOLUME	479942.243	3771815.192	360.84
LOCATION	L0000727	VOLUME	479942.311	3771806.602	360.91
LOCATION	L0000728	VOLUME	479942.380	3771798.012	360.99
LOCATION	L0000729	VOLUME	479942.448	3771789.422	361.00
LOCATION	L0000730	VOLUME	479942.517	3771780.833	361.00
LOCATION	L0000731	VOLUME	479942.585	3771772.243	361.00
LOCATION	L0000732	VOLUME	479942.654	3771763.653	361.00
LOCATION	L0000733	VOLUME	479942.722	3771755.063	361.00
LOCATION	L0000734	VOLUME	479942.791	3771746.474	361.00
LOCATION	L0000735	VOLUME	479942.859	3771737.884	361.00
LOCATION	L0000736	VOLUME	479942.928	3771729.294	361.00
LOCATION	L0000737	VOLUME	479942.996	3771720.705	361.00
LOCATION	L0000738	VOLUME	479943.065	3771712.115	361.00
LOCATION	L0000739	VOLUME	479943.133	3771703.525	361.00
LOCATION	L0000740	VOLUME	479943.202	3771694.935	361.00
LOCATION	L0000741	VOLUME	479943.270	3771686.346	361.00
LOCATION	L0000742	VOLUME	479943.339	3771677.756	361.00
LOCATION	L0000743	VOLUME	479943.407	3771669.166	361.00
LOCATION	L0000744	VOLUME	479943.475	3771660.576	361.00
LOCATION	L0000745	VOLUME	479943.544	3771651.987	361.00
LOCATION	L0000746	VOLUME	479943.612	3771643.397	361.08
LOCATION	L0000747	VOLUME	479943.681	3771634.807	361.30
LOCATION	L0000748	VOLUME	479943.749	3771626.218	361.53
LOCATION	L0000749	VOLUME	479943.818	3771617.628	361.76
LOCATION	L0000750	VOLUME	479943.886	3771609.038	361.80
LOCATION	L0000751	VOLUME	479943.955	3771600.448	361.80
LOCATION	L0000752	VOLUME	479944.023	3771591.859	361.80
LOCATION	L0000753	VOLUME	479943.697	3771583.279	361.79
LOCATION	L0000754	VOLUME	479943.182	3771574.705	361.78
LOCATION	L0000755	VOLUME	479942.668	3771566.130	361.76
LOCATION	L0000756	VOLUME	479942.153	3771557.555	361.74
LOCATION	L0000757	VOLUME	479940.764	3771549.079	361.70

LOCATION	L0000758	VOLUME	479939.370	3771540.603	361.65
LOCATION	L0000759	VOLUME	479939.295	3771532.018	361.65
LOCATION	L0000760	VOLUME	479939.282	3771523.428	361.65
LOCATION	L0000761	VOLUME	479939.269	3771514.838	361.65
LOCATION	L0000762	VOLUME	479939.256	3771506.248	361.65
LOCATION	L0000763	VOLUME	479939.243	3771497.658	361.65
LOCATION	L0000764	VOLUME	479939.230	3771489.068	361.73
LOCATION	L0000765	VOLUME	479939.217	3771480.478	361.83
LOCATION	L0000766	VOLUME	479939.204	3771471.888	361.93
LOCATION	L0000767	VOLUME	479939.192	3771463.298	362.00
LOCATION	L0000768	VOLUME	479939.179	3771454.708	362.00
LOCATION	L0000769	VOLUME	479939.166	3771446.118	362.00
LOCATION	L0000770	VOLUME	479939.153	3771437.528	362.00
LOCATION	L0000771	VOLUME	479939.140	3771428.938	362.00
LOCATION	L0000772	VOLUME	479939.127	3771420.348	362.00
LOCATION	L0000773	VOLUME	479939.114	3771411.758	362.00
LOCATION	L0000774	VOLUME	479939.102	3771403.168	362.00
LOCATION	L0000775	VOLUME	479939.089	3771394.578	362.00
LOCATION	L0000776	VOLUME	479939.076	3771385.988	362.00
LOCATION	L0000777	VOLUME	479939.063	3771377.398	362.00
LOCATION	L0000778	VOLUME	479939.050	3771368.808	362.00
LOCATION	L0000779	VOLUME	479939.037	3771360.218	362.00
LOCATION	L0000780	VOLUME	479939.024	3771351.628	362.00
LOCATION	L0000781	VOLUME	479939.011	3771343.038	362.00
LOCATION	L0000782	VOLUME	479938.999	3771334.448	362.00
LOCATION	L0000783	VOLUME	479938.986	3771325.858	362.00
LOCATION	L0000784	VOLUME	479938.973	3771317.268	362.00
LOCATION	L0000785	VOLUME	479938.960	3771308.678	362.00
LOCATION	L0000786	VOLUME	479938.947	3771300.088	362.00
LOCATION	L0000787	VOLUME	479938.934	3771291.498	362.00
LOCATION	L0000788	VOLUME	479938.921	3771282.908	362.00
LOCATION	L0000789	VOLUME	479938.909	3771274.318	362.00
LOCATION	L0000790	VOLUME	479938.896	3771265.728	362.00
LOCATION	L0000791	VOLUME	479938.883	3771257.138	362.00
LOCATION	L0000792	VOLUME	479938.870	3771248.548	362.00
LOCATION	L0000793	VOLUME	479938.857	3771239.958	362.00
LOCATION	L0000794	VOLUME	479938.844	3771231.368	362.00
LOCATION	L0000795	VOLUME	479938.831	3771222.778	362.00
LOCATION	L0000796	VOLUME	479938.818	3771214.188	362.00
LOCATION	L0000797	VOLUME	479938.806	3771205.598	362.00
LOCATION	L0000798	VOLUME	479938.793	3771197.008	362.00
LOCATION	L0000799	VOLUME	479938.780	3771188.418	362.00
LOCATION	L0000800	VOLUME	479938.767	3771179.828	362.00
LOCATION	L0000801	VOLUME	479938.754	3771171.238	362.00
LOCATION	L0000802	VOLUME	479938.741	3771162.648	362.08
LOCATION	L0000803	VOLUME	479938.728	3771154.058	362.26
LOCATION	L0000804	VOLUME	479938.716	3771145.468	362.44
LOCATION	L0000805	VOLUME	479938.703	3771136.878	362.62
LOCATION	L0000806	VOLUME	479938.690	3771128.288	362.63
LOCATION	L0000807	VOLUME	479938.677	3771119.698	362.63
LOCATION	L0000808	VOLUME	479938.664	3771111.108	362.63
LOCATION	L0000809	VOLUME	479938.651	3771102.518	362.63
LOCATION	L0000810	VOLUME	479938.638	3771093.928	362.63
LOCATION	L0000811	VOLUME	479938.625	3771085.338	362.62
LOCATION	L0000812	VOLUME	479938.613	3771076.748	362.62
LOCATION	L0000813	VOLUME	479938.600	3771068.158	362.62
LOCATION	L0000814	VOLUME	479938.587	3771059.568	362.62
LOCATION	L0000815	VOLUME	479938.574	3771050.978	362.62
LOCATION	L0000816	VOLUME	479938.561	3771042.388	362.62
LOCATION	L0000817	VOLUME	479938.548	3771033.798	362.62
LOCATION	L0000818	VOLUME	479938.535	3771025.208	362.62
LOCATION	L0000819	VOLUME	479938.523	3771016.618	362.62
LOCATION	L0000820	VOLUME	479938.510	3771008.028	362.62
LOCATION	L0000821	VOLUME	479938.497	3770999.438	362.62
LOCATION	L0000822	VOLUME	479938.484	3770990.848	362.62
LOCATION	L0000823	VOLUME	479938.471	3770982.258	362.67

LOCATION L0000824	VOLUME	479938.458	3770973.669	362.78
LOCATION L0000825	VOLUME	479938.445	3770965.079	362.89
LOCATION L0000826	VOLUME	479938.433	3770956.489	363.00
LOCATION L0000827	VOLUME	479938.420	3770947.899	363.00
LOCATION L0000828	VOLUME	479938.407	3770939.309	363.00
LOCATION L0000829	VOLUME	479938.394	3770930.719	363.00
LOCATION L0000830	VOLUME	479938.381	3770922.129	363.00
LOCATION L0000831	VOLUME	479938.368	3770913.539	363.00
LOCATION L0000832	VOLUME	479938.355	3770904.949	363.00
LOCATION L0000833	VOLUME	479938.342	3770896.359	363.00
LOCATION L0000834	VOLUME	479938.330	3770887.769	363.00
LOCATION L0000835	VOLUME	479938.317	3770879.179	363.00
LOCATION L0000836	VOLUME	479938.304	3770870.589	363.00
LOCATION L0000837	VOLUME	479938.291	3770861.999	363.00
LOCATION L0000838	VOLUME	479938.278	3770853.409	363.00
LOCATION L0000839	VOLUME	479938.265	3770844.819	363.00
LOCATION L0000840	VOLUME	479938.252	3770836.229	363.00
LOCATION L0000841	VOLUME	479938.240	3770827.639	363.00
LOCATION L0000842	VOLUME	479938.227	3770819.049	363.00
LOCATION L0000843	VOLUME	479938.214	3770810.459	363.00
LOCATION L0000844	VOLUME	479938.201	3770801.869	363.00

\*\* End of LINE VOLUME Source ID = SLINE3

\*\*

\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE4

\*\* DESCRSRC Offsite San Bernardino

\*\* PREFIX

\*\* Length of Side = 14.00

\*\* Configuration = Adjacent

\*\* Emission Rate = 0.00002354

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 8

\*\* 479939.991, 3770782.794, 363.05, 3.49, 6.51

\*\* 480071.054, 3770781.306, 365.01, 3.49, 6.51

\*\* 480713.932, 3770775.735, 373.36, 3.49, 6.51

\*\* 480782.044, 3770766.654, 374.83, 3.49, 6.51

\*\* 480857.420, 3770758.783, 375.92, 3.49, 6.51

\*\* 481000.001, 3770759.389, 378.10, 3.49, 6.51

\*\* 481213.719, 3770756.664, 381.94, 3.49, 6.51

\*\* 481600.290, 3770752.123, 387.98, 3.49, 6.51

\*\*

LOCATION L0000845	VOLUME	479946.990	3770782.714	363.00
LOCATION L0000846	VOLUME	479960.990	3770782.555	363.37
LOCATION L0000847	VOLUME	479974.989	3770782.397	363.84
LOCATION L0000848	VOLUME	479988.988	3770782.238	364.00
LOCATION L0000849	VOLUME	480002.987	3770782.079	364.00
LOCATION L0000850	VOLUME	480016.986	3770781.920	364.19
LOCATION L0000851	VOLUME	480030.985	3770781.761	364.58
LOCATION L0000852	VOLUME	480044.984	3770781.602	364.85
LOCATION L0000853	VOLUME	480058.983	3770781.443	364.94
LOCATION L0000854	VOLUME	480072.982	3770781.290	365.09
LOCATION L0000855	VOLUME	480086.982	3770781.168	365.48
LOCATION L0000856	VOLUME	480100.981	3770781.047	365.85
LOCATION L0000857	VOLUME	480114.981	3770780.926	365.92
LOCATION L0000858	VOLUME	480128.980	3770780.805	366.00
LOCATION L0000859	VOLUME	480142.980	3770780.683	366.00
LOCATION L0000860	VOLUME	480156.979	3770780.562	366.00
LOCATION L0000861	VOLUME	480170.979	3770780.441	366.37
LOCATION L0000862	VOLUME	480184.978	3770780.319	366.84
LOCATION L0000863	VOLUME	480198.978	3770780.198	367.00
LOCATION L0000864	VOLUME	480212.977	3770780.077	367.00
LOCATION L0000865	VOLUME	480226.977	3770779.955	367.00
LOCATION L0000866	VOLUME	480240.976	3770779.834	367.00
LOCATION L0000867	VOLUME	480254.976	3770779.713	367.17
LOCATION L0000868	VOLUME	480268.975	3770779.591	367.64

LOCATION L0000869	VOLUME	480282.974	3770779.470	368.00
LOCATION L0000870	VOLUME	480296.974	3770779.349	368.00
LOCATION L0000871	VOLUME	480310.973	3770779.227	368.00
LOCATION L0000872	VOLUME	480324.973	3770779.106	368.00
LOCATION L0000873	VOLUME	480338.972	3770778.985	368.00
LOCATION L0000874	VOLUME	480352.972	3770778.863	368.44
LOCATION L0000875	VOLUME	480366.971	3770778.742	368.90
LOCATION L0000876	VOLUME	480380.971	3770778.621	369.00
LOCATION L0000877	VOLUME	480394.970	3770778.500	369.00
LOCATION L0000878	VOLUME	480408.970	3770778.378	369.30
LOCATION L0000879	VOLUME	480422.969	3770778.257	369.77
LOCATION L0000880	VOLUME	480436.969	3770778.136	370.00
LOCATION L0000881	VOLUME	480450.968	3770778.014	370.00
LOCATION L0000882	VOLUME	480464.968	3770777.893	370.00
LOCATION L0000883	VOLUME	480478.967	3770777.772	370.00
LOCATION L0000884	VOLUME	480492.967	3770777.650	370.10
LOCATION L0000885	VOLUME	480506.966	3770777.529	370.57
LOCATION L0000886	VOLUME	480520.966	3770777.408	371.00
LOCATION L0000887	VOLUME	480534.965	3770777.286	371.00
LOCATION L0000888	VOLUME	480548.964	3770777.165	371.00
LOCATION L0000889	VOLUME	480562.964	3770777.044	371.44
LOCATION L0000890	VOLUME	480576.963	3770776.922	371.90
LOCATION L0000891	VOLUME	480590.963	3770776.801	372.00
LOCATION L0000892	VOLUME	480604.962	3770776.680	372.00
LOCATION L0000893	VOLUME	480618.962	3770776.558	372.00
LOCATION L0000894	VOLUME	480632.961	3770776.437	372.00
LOCATION L0000895	VOLUME	480646.961	3770776.316	372.24
LOCATION L0000896	VOLUME	480660.960	3770776.195	372.70
LOCATION L0000897	VOLUME	480674.960	3770776.073	373.00
LOCATION L0000898	VOLUME	480688.959	3770775.952	373.00
LOCATION L0000899	VOLUME	480702.959	3770775.831	373.10
LOCATION L0000900	VOLUME	480716.932	3770775.336	373.57
LOCATION L0000901	VOLUME	480730.809	3770773.485	374.00
LOCATION L0000902	VOLUME	480744.686	3770771.635	374.00
LOCATION L0000903	VOLUME	480758.563	3770769.785	374.00
LOCATION L0000904	VOLUME	480772.441	3770767.934	374.42
LOCATION L0000905	VOLUME	480786.332	3770766.206	374.88
LOCATION L0000906	VOLUME	480800.257	3770764.752	375.00
LOCATION L0000907	VOLUME	480814.181	3770763.298	375.00
LOCATION L0000908	VOLUME	480828.105	3770761.844	375.27
LOCATION L0000909	VOLUME	480842.029	3770760.390	375.74
LOCATION L0000910	VOLUME	480855.954	3770758.936	376.00
LOCATION L0000911	VOLUME	480869.946	3770758.836	376.00
LOCATION L0000912	VOLUME	480883.945	3770758.896	376.13
LOCATION L0000913	VOLUME	480897.945	3770758.955	376.60
LOCATION L0000914	VOLUME	480911.945	3770759.015	377.00
LOCATION L0000915	VOLUME	480925.945	3770759.074	377.00
LOCATION L0000916	VOLUME	480939.945	3770759.134	377.00
LOCATION L0000917	VOLUME	480953.945	3770759.193	377.47
LOCATION L0000918	VOLUME	480967.945	3770759.253	377.93
LOCATION L0000919	VOLUME	480981.945	3770759.312	378.00
LOCATION L0000920	VOLUME	480995.944	3770759.371	378.00
LOCATION L0000921	VOLUME	481009.944	3770759.262	378.33
LOCATION L0000922	VOLUME	481023.942	3770759.083	378.80
LOCATION L0000923	VOLUME	481037.941	3770758.905	379.00
LOCATION L0000924	VOLUME	481051.940	3770758.727	379.00
LOCATION L0000925	VOLUME	481065.939	3770758.548	379.20
LOCATION L0000926	VOLUME	481079.938	3770758.370	379.67
LOCATION L0000927	VOLUME	481093.937	3770758.191	380.00
LOCATION L0000928	VOLUME	481107.936	3770758.013	380.00
LOCATION L0000929	VOLUME	481121.935	3770757.834	380.00
LOCATION L0000930	VOLUME	481135.933	3770757.656	380.00
LOCATION L0000931	VOLUME	481149.932	3770757.477	380.00
LOCATION L0000932	VOLUME	481163.931	3770757.299	380.47
LOCATION L0000933	VOLUME	481177.930	3770757.120	380.93
LOCATION L0000934	VOLUME	481191.929	3770756.942	381.40

LOCATION	VOLUME				
LOCATION L0000935	VOLUME	481205.928	3770756.764	381.87	
LOCATION L0000936	VOLUME	481219.927	3770756.591	382.00	
LOCATION L0000937	VOLUME	481233.926	3770756.427	382.00	
LOCATION L0000938	VOLUME	481247.925	3770756.262	382.00	
LOCATION L0000939	VOLUME	481261.924	3770756.098	382.00	
LOCATION L0000940	VOLUME	481275.923	3770755.934	382.20	
LOCATION L0000941	VOLUME	481289.922	3770755.769	382.67	
LOCATION L0000942	VOLUME	481303.921	3770755.605	383.00	
LOCATION L0000943	VOLUME	481317.920	3770755.440	383.00	
LOCATION L0000944	VOLUME	481331.919	3770755.276	383.07	
LOCATION L0000945	VOLUME	481345.918	3770755.111	383.53	
LOCATION L0000946	VOLUME	481359.917	3770754.947	384.00	
LOCATION L0000947	VOLUME	481373.916	3770754.783	384.00	
LOCATION L0000948	VOLUME	481387.915	3770754.618	384.00	
LOCATION L0000949	VOLUME	481401.914	3770754.454	384.40	
LOCATION L0000950	VOLUME	481415.913	3770754.289	384.87	
LOCATION L0000951	VOLUME	481429.912	3770754.125	385.00	
LOCATION L0000952	VOLUME	481443.911	3770753.960	385.00	
LOCATION L0000953	VOLUME	481457.910	3770753.796	385.27	
LOCATION L0000954	VOLUME	481471.909	3770753.631	385.73	
LOCATION L0000955	VOLUME	481485.908	3770753.467	386.00	
LOCATION L0000956	VOLUME	481499.907	3770753.303	386.00	
LOCATION L0000957	VOLUME	481513.906	3770753.138	386.13	
LOCATION L0000958	VOLUME	481527.905	3770752.974	386.60	
LOCATION L0000959	VOLUME	481541.904	3770752.809	387.00	
LOCATION L0000960	VOLUME	481555.903	3770752.645	387.00	
LOCATION L0000961	VOLUME	481569.902	3770752.480	387.00	
LOCATION L0000962	VOLUME	481583.902	3770752.316	387.47	
LOCATION L0000963	VOLUME	481597.901	3770752.152	387.93	

\*\* End of LINE VOLUME Source ID = SLINE4

\*\* Source Parameters \*\*

\*\* LINE VOLUME Source ID = SLINE1

SRCPARAM L0000643	0.00000159	3.49	4.00	3.25
SRCPARAM L0000644	0.00000159	3.49	4.00	3.25
SRCPARAM L0000645	0.00000159	3.49	4.00	3.25
SRCPARAM L0000646	0.00000159	3.49	4.00	3.25
SRCPARAM L0000647	0.00000159	3.49	4.00	3.25
SRCPARAM L0000648	0.00000159	3.49	4.00	3.25
SRCPARAM L0000649	0.00000159	3.49	4.00	3.25
SRCPARAM L0000650	0.00000159	3.49	4.00	3.25
SRCPARAM L0000651	0.00000159	3.49	4.00	3.25
SRCPARAM L0000652	0.00000159	3.49	4.00	3.25
SRCPARAM L0000653	0.00000159	3.49	4.00	3.25
SRCPARAM L0000654	0.00000159	3.49	4.00	3.25
SRCPARAM L0000655	0.00000159	3.49	4.00	3.25
SRCPARAM L0000656	0.00000159	3.49	4.00	3.25
SRCPARAM L0000657	0.00000159	3.49	4.00	3.25
SRCPARAM L0000658	0.00000159	3.49	4.00	3.25
SRCPARAM L0000659	0.00000159	3.49	4.00	3.25
SRCPARAM L0000660	0.00000159	3.49	4.00	3.25
SRCPARAM L0000661	0.00000159	3.49	4.00	3.25
SRCPARAM L0000662	0.00000159	3.49	4.00	3.25
SRCPARAM L0000663	0.00000159	3.49	4.00	3.25
SRCPARAM L0000664	0.00000159	3.49	4.00	3.25
SRCPARAM L0000665	0.00000159	3.49	4.00	3.25
SRCPARAM L0000666	0.00000159	3.49	4.00	3.25
SRCPARAM L0000667	0.00000159	3.49	4.00	3.25
SRCPARAM L0000668	0.00000159	3.49	4.00	3.25
SRCPARAM L0000669	0.00000159	3.49	4.00	3.25
SRCPARAM L0000670	0.00000159	3.49	4.00	3.25
SRCPARAM L0000671	0.00000159	3.49	4.00	3.25
SRCPARAM L0000672	0.00000159	3.49	4.00	3.25

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\*\* LINE VOLUME Source ID = SLINE2

SRCPARAM L0000673	0.0000003338	3.49	4.00	3.25
SRCPARAM L0000674	0.0000003338	3.49	4.00	3.25











SRCPARAM	L0000935	0.0000001978	3.49	6.51	3.25
SRCPARAM	L0000936	0.0000001978	3.49	6.51	3.25
SRCPARAM	L0000937	0.0000001978	3.49	6.51	3.25
SRCPARAM	L0000938	0.0000001978	3.49	6.51	3.25
SRCPARAM	L0000939	0.0000001978	3.49	6.51	3.25
SRCPARAM	L0000940	0.0000001978	3.49	6.51	3.25
SRCPARAM	L0000941	0.0000001978	3.49	6.51	3.25
SRCPARAM	L0000942	0.0000001978	3.49	6.51	3.25
SRCPARAM	L0000943	0.0000001978	3.49	6.51	3.25
SRCPARAM	L0000944	0.0000001978	3.49	6.51	3.25
SRCPARAM	L0000945	0.0000001978	3.49	6.51	3.25
SRCPARAM	L0000946	0.0000001978	3.49	6.51	3.25
SRCPARAM	L0000947	0.0000001978	3.49	6.51	3.25
SRCPARAM	L0000948	0.0000001978	3.49	6.51	3.25
SRCPARAM	L0000949	0.0000001978	3.49	6.51	3.25
SRCPARAM	L0000950	0.0000001978	3.49	6.51	3.25
SRCPARAM	L0000951	0.0000001978	3.49	6.51	3.25
SRCPARAM	L0000952	0.0000001978	3.49	6.51	3.25
SRCPARAM	L0000953	0.0000001978	3.49	6.51	3.25
SRCPARAM	L0000954	0.0000001978	3.49	6.51	3.25
SRCPARAM	L0000955	0.0000001978	3.49	6.51	3.25
SRCPARAM	L0000956	0.0000001978	3.49	6.51	3.25
SRCPARAM	L0000957	0.0000001978	3.49	6.51	3.25
SRCPARAM	L0000958	0.0000001978	3.49	6.51	3.25
SRCPARAM	L0000959	0.0000001978	3.49	6.51	3.25
SRCPARAM	L0000960	0.0000001978	3.49	6.51	3.25
SRCPARAM	L0000961	0.0000001978	3.49	6.51	3.25
SRCPARAM	L0000962	0.0000001978	3.49	6.51	3.25
SRCPARAM	L0000963	0.0000001978	3.49	6.51	3.25

\*\* -----

URBANSRC ALL  
SRCGROUP ALL

SO FINISHED

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\*\*\*\*\*

\*\* AERMOD Receptor Pathway  
\*\*\*\*\*

\*\*  
\*\*

RE STARTING  
INCLUDED "14412 Ops.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 ANNUAL ALL "14412 Ops.AD\AN00GALL.PLT" 31  
SUMMFILE "14412 Ops.sum"

OU FINISHED

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**
*****
** Project Parameters
*****
** PROJCTN  CoordinateSystemUTM
** DESCPTN  UTM: Universal Transverse Mercator
** DATUM    World Geodetic System 1984
** DTMRGN   Global Definition
** UNITS    m
** ZONE     11
** ZONEINX  0
**
```

```
** Lakes Environmental AERMOD MPI
**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 10.2.1
** Lakes Environmental Software Inc.
** Date: 8/24/2022
** File: C:\Users\Michael Tirohn\Desktop\HRAs\14412 Nevada Street Warehouse\14412 Ops\14412
Ops.ADI
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**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
```

```
CO STARTING
TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\14412 Nevada Street Warehouse\1
MODELOPT DFAULT CONC
AVERTIME ANNUAL
URBANOPT 2035210 San_Bernardino_County
POLLUTID DPM
RUNORNOT RUN
ERRORFIL "14412 Ops.err"
```

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CO FINISHED
**
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** AERMOD Source Pathway
*****
**
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```
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE1
** DESCRSRC Idle
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 0.00004769
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 480019.042, 3771935.814, 360.93, 3.49, 4.00
** 480277.947, 3771935.376, 364.98, 3.49, 4.00
** -----
```

LOCATION	VOLUME	X Coord.	Y Coord.	Z
L0000643	480023.337	3771935.806	361.00	
L0000644	480031.927	3771935.792	361.00	
L0000645	480040.517	3771935.777	361.02	
L0000646	480049.107	3771935.763	361.31	
L0000647	480057.697	3771935.748	361.59	
L0000648	480066.287	3771935.734	361.88	
L0000649	480074.877	3771935.719	362.00	
L0000650	480083.467	3771935.705	362.00	
L0000651	480092.057	3771935.690	362.00	
L0000652	480100.647	3771935.676	362.01	
L0000653	480109.237	3771935.661	362.11	
L0000654	480117.827	3771935.647	362.21	
L0000655	480126.417	3771935.632	362.31	
L0000656	480135.007	3771935.618	362.47	
L0000657	480143.597	3771935.603	362.65	

LOCATION	L0000658	VOLUME	480152.187	3771935.589	362.83
LOCATION	L0000659	VOLUME	480160.777	3771935.574	363.01
LOCATION	L0000660	VOLUME	480169.367	3771935.560	363.11
LOCATION	L0000661	VOLUME	480177.957	3771935.545	363.22
LOCATION	L0000662	VOLUME	480186.547	3771935.531	363.32
LOCATION	L0000663	VOLUME	480195.137	3771935.516	363.47
LOCATION	L0000664	VOLUME	480203.727	3771935.502	363.65
LOCATION	L0000665	VOLUME	480212.317	3771935.487	363.84
LOCATION	L0000666	VOLUME	480220.907	3771935.473	364.01
LOCATION	L0000667	VOLUME	480229.497	3771935.458	364.12
LOCATION	L0000668	VOLUME	480238.087	3771935.444	364.22
LOCATION	L0000669	VOLUME	480246.677	3771935.429	364.32
LOCATION	L0000670	VOLUME	480255.267	3771935.415	364.48
LOCATION	L0000671	VOLUME	480263.857	3771935.400	364.66
LOCATION	L0000672	VOLUME	480272.447	3771935.386	364.84

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

\*\*

\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE2

\*\* DESCRSRC Onsite

\*\* PREFIX

\*\* Length of Side = 8.59

\*\* Configuration = Adjacent

\*\* Emission Rate = 0.00001235

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 2

\*\* 480275.958, 3771955.784, 364.96, 3.49, 4.00

\*\* 479954.229, 3771955.482, 360.00, 3.49, 4.00

\*\*

LOCATION	L0000673	VOLUME	480271.663	3771955.780	364.73
LOCATION	L0000674	VOLUME	480263.073	3771955.772	364.44
LOCATION	L0000675	VOLUME	480254.483	3771955.764	364.15
LOCATION	L0000676	VOLUME	480245.893	3771955.756	364.00
LOCATION	L0000677	VOLUME	480237.303	3771955.748	364.00
LOCATION	L0000678	VOLUME	480228.713	3771955.740	364.00
LOCATION	L0000679	VOLUME	480220.123	3771955.732	364.00
LOCATION	L0000680	VOLUME	480211.533	3771955.724	363.72
LOCATION	L0000681	VOLUME	480202.943	3771955.716	363.44
LOCATION	L0000682	VOLUME	480194.353	3771955.708	363.15
LOCATION	L0000683	VOLUME	480185.763	3771955.700	363.00
LOCATION	L0000684	VOLUME	480177.173	3771955.691	363.00
LOCATION	L0000685	VOLUME	480168.583	3771955.683	363.00
LOCATION	L0000686	VOLUME	480159.993	3771955.675	363.00
LOCATION	L0000687	VOLUME	480151.403	3771955.667	362.72
LOCATION	L0000688	VOLUME	480142.813	3771955.659	362.43
LOCATION	L0000689	VOLUME	480134.223	3771955.651	362.14
LOCATION	L0000690	VOLUME	480125.633	3771955.643	362.00
LOCATION	L0000691	VOLUME	480117.043	3771955.635	362.00
LOCATION	L0000692	VOLUME	480108.453	3771955.627	362.00
LOCATION	L0000693	VOLUME	480099.863	3771955.619	362.00
LOCATION	L0000694	VOLUME	480091.273	3771955.611	361.91
LOCATION	L0000695	VOLUME	480082.683	3771955.603	361.82
LOCATION	L0000696	VOLUME	480074.093	3771955.594	361.73
LOCATION	L0000697	VOLUME	480065.503	3771955.586	361.59
LOCATION	L0000698	VOLUME	480056.913	3771955.578	361.39
LOCATION	L0000699	VOLUME	480048.323	3771955.570	361.19
LOCATION	L0000700	VOLUME	480039.733	3771955.562	361.00
LOCATION	L0000701	VOLUME	480031.143	3771955.554	360.91
LOCATION	L0000702	VOLUME	480022.553	3771955.546	360.82
LOCATION	L0000703	VOLUME	480013.963	3771955.538	360.73
LOCATION	L0000704	VOLUME	480005.373	3771955.530	360.59
LOCATION	L0000705	VOLUME	479996.783	3771955.522	360.39
LOCATION	L0000706	VOLUME	479988.193	3771955.514	360.19
LOCATION	L0000707	VOLUME	479979.603	3771955.506	360.00
LOCATION	L0000708	VOLUME	479971.013	3771955.498	359.91



LOCATION L0000709        VOLUME    479962.423 3771955.489 359.82

\*\* End of LINE VOLUME Source ID = SLINE2

\*\*

\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE3

\*\* DESCRSRC Offsite Nevada

\*\* PREFIX

\*\* Length of Side = 8.59

\*\* Configuration = Adjacent

\*\* Emission Rate = 0.00001642

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 5

\*\* 479941.113, 3771956.922, 360.00, 3.49, 4.00

\*\* 479944.045, 3771589.091, 361.94, 3.49, 4.00

\*\* 479942.150, 3771557.497, 361.89, 3.49, 4.00

\*\* 479939.307, 3771540.220, 361.39, 3.49, 4.00

\*\* 479938.195, 3770798.115, 362.95, 3.49, 4.00

\*\*

LOCATION L0000710        VOLUME    479941.147 3771952.627 359.85

LOCATION L0000711        VOLUME    479941.216 3771944.037 360.00

LOCATION L0000712        VOLUME    479941.284 3771935.448 360.00

LOCATION L0000713        VOLUME    479941.353 3771926.858 360.00

LOCATION L0000714        VOLUME    479941.421 3771918.268 360.00

LOCATION L0000715        VOLUME    479941.489 3771909.679 360.00

LOCATION L0000716        VOLUME    479941.558 3771901.089 360.00

LOCATION L0000717        VOLUME    479941.626 3771892.499 360.00

LOCATION L0000718        VOLUME    479941.695 3771883.909 360.06

LOCATION L0000719        VOLUME    479941.763 3771875.320 360.27

LOCATION L0000720        VOLUME    479941.832 3771866.730 360.48

LOCATION L0000721        VOLUME    479941.900 3771858.140 360.69

LOCATION L0000722        VOLUME    479941.969 3771849.550 360.74

LOCATION L0000723        VOLUME    479942.037 3771840.961 360.74

LOCATION L0000724        VOLUME    479942.106 3771832.371 360.74

LOCATION L0000725        VOLUME    479942.174 3771823.781 360.76

LOCATION L0000726        VOLUME    479942.243 3771815.192 360.84

LOCATION L0000727        VOLUME    479942.311 3771806.602 360.91

LOCATION L0000728        VOLUME    479942.380 3771798.012 360.99

LOCATION L0000729        VOLUME    479942.448 3771789.422 361.00

LOCATION L0000730        VOLUME    479942.517 3771780.833 361.00

LOCATION L0000731        VOLUME    479942.585 3771772.243 361.00

LOCATION L0000732        VOLUME    479942.654 3771763.653 361.00

LOCATION L0000733        VOLUME    479942.722 3771755.063 361.00

LOCATION L0000734        VOLUME    479942.791 3771746.474 361.00

LOCATION L0000735        VOLUME    479942.859 3771737.884 361.00

LOCATION L0000736        VOLUME    479942.928 3771729.294 361.00

LOCATION L0000737        VOLUME    479942.996 3771720.705 361.00

LOCATION L0000738        VOLUME    479943.065 3771712.115 361.00

LOCATION L0000739        VOLUME    479943.133 3771703.525 361.00

LOCATION L0000740        VOLUME    479943.202 3771694.935 361.00

LOCATION L0000741        VOLUME    479943.270 3771686.346 361.00

LOCATION L0000742        VOLUME    479943.339 3771677.756 361.00

LOCATION L0000743        VOLUME    479943.407 3771669.166 361.00

LOCATION L0000744        VOLUME    479943.475 3771660.576 361.00

LOCATION L0000745        VOLUME    479943.544 3771651.987 361.00

LOCATION L0000746        VOLUME    479943.612 3771643.397 361.08

LOCATION L0000747        VOLUME    479943.681 3771634.807 361.30

LOCATION L0000748        VOLUME    479943.749 3771626.218 361.53

LOCATION L0000749        VOLUME    479943.818 3771617.628 361.76

LOCATION L0000750        VOLUME    479943.886 3771609.038 361.80

LOCATION L0000751        VOLUME    479943.955 3771600.448 361.80

LOCATION L0000752        VOLUME    479944.023 3771591.859 361.80

LOCATION L0000753        VOLUME    479943.697 3771583.279 361.79

LOCATION L0000754        VOLUME    479943.182 3771574.705 361.78

LOCATION L0000755        VOLUME    479942.668 3771566.130 361.76

LOCATION L0000756        VOLUME    479942.153 3771557.555 361.74

LOCATION	L0000757	VOLUME	479940.764	3771549.079	361.70
LOCATION	L0000758	VOLUME	479939.370	3771540.603	361.65
LOCATION	L0000759	VOLUME	479939.295	3771532.018	361.65
LOCATION	L0000760	VOLUME	479939.282	3771523.428	361.65
LOCATION	L0000761	VOLUME	479939.269	3771514.838	361.65
LOCATION	L0000762	VOLUME	479939.256	3771506.248	361.65
LOCATION	L0000763	VOLUME	479939.243	3771497.658	361.65
LOCATION	L0000764	VOLUME	479939.230	3771489.068	361.73
LOCATION	L0000765	VOLUME	479939.217	3771480.478	361.83
LOCATION	L0000766	VOLUME	479939.204	3771471.888	361.93
LOCATION	L0000767	VOLUME	479939.192	3771463.298	362.00
LOCATION	L0000768	VOLUME	479939.179	3771454.708	362.00
LOCATION	L0000769	VOLUME	479939.166	3771446.118	362.00
LOCATION	L0000770	VOLUME	479939.153	3771437.528	362.00
LOCATION	L0000771	VOLUME	479939.140	3771428.938	362.00
LOCATION	L0000772	VOLUME	479939.127	3771420.348	362.00
LOCATION	L0000773	VOLUME	479939.114	3771411.758	362.00
LOCATION	L0000774	VOLUME	479939.102	3771403.168	362.00
LOCATION	L0000775	VOLUME	479939.089	3771394.578	362.00
LOCATION	L0000776	VOLUME	479939.076	3771385.988	362.00
LOCATION	L0000777	VOLUME	479939.063	3771377.398	362.00
LOCATION	L0000778	VOLUME	479939.050	3771368.808	362.00
LOCATION	L0000779	VOLUME	479939.037	3771360.218	362.00
LOCATION	L0000780	VOLUME	479939.024	3771351.628	362.00
LOCATION	L0000781	VOLUME	479939.011	3771343.038	362.00
LOCATION	L0000782	VOLUME	479938.999	3771334.448	362.00
LOCATION	L0000783	VOLUME	479938.986	3771325.858	362.00
LOCATION	L0000784	VOLUME	479938.973	3771317.268	362.00
LOCATION	L0000785	VOLUME	479938.960	3771308.678	362.00
LOCATION	L0000786	VOLUME	479938.947	3771300.088	362.00
LOCATION	L0000787	VOLUME	479938.934	3771291.498	362.00
LOCATION	L0000788	VOLUME	479938.921	3771282.908	362.00
LOCATION	L0000789	VOLUME	479938.909	3771274.318	362.00
LOCATION	L0000790	VOLUME	479938.896	3771265.728	362.00
LOCATION	L0000791	VOLUME	479938.883	3771257.138	362.00
LOCATION	L0000792	VOLUME	479938.870	3771248.548	362.00
LOCATION	L0000793	VOLUME	479938.857	3771239.958	362.00
LOCATION	L0000794	VOLUME	479938.844	3771231.368	362.00
LOCATION	L0000795	VOLUME	479938.831	3771222.778	362.00
LOCATION	L0000796	VOLUME	479938.818	3771214.188	362.00
LOCATION	L0000797	VOLUME	479938.806	3771205.598	362.00
LOCATION	L0000798	VOLUME	479938.793	3771197.008	362.00
LOCATION	L0000799	VOLUME	479938.780	3771188.418	362.00
LOCATION	L0000800	VOLUME	479938.767	3771179.828	362.00
LOCATION	L0000801	VOLUME	479938.754	3771171.238	362.00
LOCATION	L0000802	VOLUME	479938.741	3771162.648	362.08
LOCATION	L0000803	VOLUME	479938.728	3771154.058	362.26
LOCATION	L0000804	VOLUME	479938.716	3771145.468	362.44
LOCATION	L0000805	VOLUME	479938.703	3771136.878	362.62
LOCATION	L0000806	VOLUME	479938.690	3771128.288	362.63
LOCATION	L0000807	VOLUME	479938.677	3771119.698	362.63
LOCATION	L0000808	VOLUME	479938.664	3771111.108	362.63
LOCATION	L0000809	VOLUME	479938.651	3771102.518	362.63
LOCATION	L0000810	VOLUME	479938.638	3771093.928	362.63
LOCATION	L0000811	VOLUME	479938.625	3771085.338	362.62
LOCATION	L0000812	VOLUME	479938.613	3771076.748	362.62
LOCATION	L0000813	VOLUME	479938.600	3771068.158	362.62
LOCATION	L0000814	VOLUME	479938.587	3771059.568	362.62
LOCATION	L0000815	VOLUME	479938.574	3771050.978	362.62
LOCATION	L0000816	VOLUME	479938.561	3771042.388	362.62
LOCATION	L0000817	VOLUME	479938.548	3771033.798	362.62
LOCATION	L0000818	VOLUME	479938.535	3771025.208	362.62
LOCATION	L0000819	VOLUME	479938.523	3771016.618	362.62
LOCATION	L0000820	VOLUME	479938.510	3771008.028	362.62
LOCATION	L0000821	VOLUME	479938.497	3770999.438	362.62
LOCATION	L0000822	VOLUME	479938.484	3770990.848	362.62

LOCATION	VOLUME				
L0000823	479938.471	3770982.258	362.67		
L0000824	479938.458	3770973.669	362.78		
L0000825	479938.445	3770965.079	362.89		
L0000826	479938.433	3770956.489	363.00		
L0000827	479938.420	3770947.899	363.00		
L0000828	479938.407	3770939.309	363.00		
L0000829	479938.394	3770930.719	363.00		
L0000830	479938.381	3770922.129	363.00		
L0000831	479938.368	3770913.539	363.00		
L0000832	479938.355	3770904.949	363.00		
L0000833	479938.342	3770896.359	363.00		
L0000834	479938.330	3770887.769	363.00		
L0000835	479938.317	3770879.179	363.00		
L0000836	479938.304	3770870.589	363.00		
L0000837	479938.291	3770861.999	363.00		
L0000838	479938.278	3770853.409	363.00		
L0000839	479938.265	3770844.819	363.00		
L0000840	479938.252	3770836.229	363.00		
L0000841	479938.240	3770827.639	363.00		
L0000842	479938.227	3770819.049	363.00		
L0000843	479938.214	3770810.459	363.00		
L0000844	479938.201	3770801.869	363.00		

\*\* End of LINE VOLUME Source ID = SLINE3

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\*\* Line Source Represented by Adjacent Volume Sources

\*\* LINE VOLUME Source ID = SLINE4

\*\* DESCRSRC Offsite San Bernardino

\*\* PREFIX

\*\* Length of Side = 14.00

\*\* Configuration = Adjacent

\*\* Emission Rate = 0.00002354

\*\* Vertical Dimension = 6.99

\*\* SZINIT = 3.25

\*\* Nodes = 8

\*\* 479939.991, 3770782.794, 363.05, 3.49, 6.51

\*\* 480071.054, 3770781.306, 365.01, 3.49, 6.51

\*\* 480713.932, 3770775.735, 373.36, 3.49, 6.51

\*\* 480782.044, 3770766.654, 374.83, 3.49, 6.51

\*\* 480857.420, 3770758.783, 375.92, 3.49, 6.51

\*\* 481000.001, 3770759.389, 378.10, 3.49, 6.51

\*\* 481213.719, 3770756.664, 381.94, 3.49, 6.51

\*\* 481600.290, 3770752.123, 387.98, 3.49, 6.51

\*\*

L0000845	479946.990	3770782.714	363.00		
L0000846	479960.990	3770782.555	363.37		
L0000847	479974.989	3770782.397	363.84		
L0000848	479988.988	3770782.238	364.00		
L0000849	480002.987	3770782.079	364.00		
L0000850	480016.986	3770781.920	364.19		
L0000851	480030.985	3770781.761	364.58		
L0000852	480044.984	3770781.602	364.85		
L0000853	480058.983	3770781.443	364.94		
L0000854	480072.982	3770781.290	365.09		
L0000855	480086.982	3770781.168	365.48		
L0000856	480100.981	3770781.047	365.85		
L0000857	480114.981	3770780.926	365.92		
L0000858	480128.980	3770780.805	366.00		
L0000859	480142.980	3770780.683	366.00		
L0000860	480156.979	3770780.562	366.00		
L0000861	480170.979	3770780.441	366.37		
L0000862	480184.978	3770780.319	366.84		
L0000863	480198.978	3770780.198	367.00		
L0000864	480212.977	3770780.077	367.00		
L0000865	480226.977	3770779.955	367.00		
L0000866	480240.976	3770779.834	367.00		
L0000867	480254.976	3770779.713	367.17		

LOCATION	L0000868	VOLUME	480268.975	3770779.591	367.64
LOCATION	L0000869	VOLUME	480282.974	3770779.470	368.00
LOCATION	L0000870	VOLUME	480296.974	3770779.349	368.00
LOCATION	L0000871	VOLUME	480310.973	3770779.227	368.00
LOCATION	L0000872	VOLUME	480324.973	3770779.106	368.00
LOCATION	L0000873	VOLUME	480338.972	3770778.985	368.00
LOCATION	L0000874	VOLUME	480352.972	3770778.863	368.44
LOCATION	L0000875	VOLUME	480366.971	3770778.742	368.90
LOCATION	L0000876	VOLUME	480380.971	3770778.621	369.00
LOCATION	L0000877	VOLUME	480394.970	3770778.500	369.00
LOCATION	L0000878	VOLUME	480408.970	3770778.378	369.30
LOCATION	L0000879	VOLUME	480422.969	3770778.257	369.77
LOCATION	L0000880	VOLUME	480436.969	3770778.136	370.00
LOCATION	L0000881	VOLUME	480450.968	3770778.014	370.00
LOCATION	L0000882	VOLUME	480464.968	3770777.893	370.00
LOCATION	L0000883	VOLUME	480478.967	3770777.772	370.00
LOCATION	L0000884	VOLUME	480492.967	3770777.650	370.10
LOCATION	L0000885	VOLUME	480506.966	3770777.529	370.57
LOCATION	L0000886	VOLUME	480520.966	3770777.408	371.00
LOCATION	L0000887	VOLUME	480534.965	3770777.286	371.00
LOCATION	L0000888	VOLUME	480548.964	3770777.165	371.00
LOCATION	L0000889	VOLUME	480562.964	3770777.044	371.44
LOCATION	L0000890	VOLUME	480576.963	3770776.922	371.90
LOCATION	L0000891	VOLUME	480590.963	3770776.801	372.00
LOCATION	L0000892	VOLUME	480604.962	3770776.680	372.00
LOCATION	L0000893	VOLUME	480618.962	3770776.558	372.00
LOCATION	L0000894	VOLUME	480632.961	3770776.437	372.00
LOCATION	L0000895	VOLUME	480646.961	3770776.316	372.24
LOCATION	L0000896	VOLUME	480660.960	3770776.195	372.70
LOCATION	L0000897	VOLUME	480674.960	3770776.073	373.00
LOCATION	L0000898	VOLUME	480688.959	3770775.952	373.00
LOCATION	L0000899	VOLUME	480702.959	3770775.831	373.10
LOCATION	L0000900	VOLUME	480716.932	3770775.336	373.57
LOCATION	L0000901	VOLUME	480730.809	3770773.485	374.00
LOCATION	L0000902	VOLUME	480744.686	3770771.635	374.00
LOCATION	L0000903	VOLUME	480758.563	3770769.785	374.00
LOCATION	L0000904	VOLUME	480772.441	3770767.934	374.42
LOCATION	L0000905	VOLUME	480786.332	3770766.206	374.88
LOCATION	L0000906	VOLUME	480800.257	3770764.752	375.00
LOCATION	L0000907	VOLUME	480814.181	3770763.298	375.00
LOCATION	L0000908	VOLUME	480828.105	3770761.844	375.27
LOCATION	L0000909	VOLUME	480842.029	3770760.390	375.74
LOCATION	L0000910	VOLUME	480855.954	3770758.936	376.00
LOCATION	L0000911	VOLUME	480869.946	3770758.836	376.00
LOCATION	L0000912	VOLUME	480883.945	3770758.896	376.13
LOCATION	L0000913	VOLUME	480897.945	3770758.955	376.60
LOCATION	L0000914	VOLUME	480911.945	3770759.015	377.00
LOCATION	L0000915	VOLUME	480925.945	3770759.074	377.00
LOCATION	L0000916	VOLUME	480939.945	3770759.134	377.00
LOCATION	L0000917	VOLUME	480953.945	3770759.193	377.47
LOCATION	L0000918	VOLUME	480967.945	3770759.253	377.93
LOCATION	L0000919	VOLUME	480981.945	3770759.312	378.00
LOCATION	L0000920	VOLUME	480995.944	3770759.371	378.00
LOCATION	L0000921	VOLUME	481009.944	3770759.262	378.33
LOCATION	L0000922	VOLUME	481023.942	3770759.083	378.80
LOCATION	L0000923	VOLUME	481037.941	3770758.905	379.00
LOCATION	L0000924	VOLUME	481051.940	3770758.727	379.00
LOCATION	L0000925	VOLUME	481065.939	3770758.548	379.20
LOCATION	L0000926	VOLUME	481079.938	3770758.370	379.67
LOCATION	L0000927	VOLUME	481093.937	3770758.191	380.00
LOCATION	L0000928	VOLUME	481107.936	3770758.013	380.00
LOCATION	L0000929	VOLUME	481121.935	3770757.834	380.00
LOCATION	L0000930	VOLUME	481135.933	3770757.656	380.00
LOCATION	L0000931	VOLUME	481149.932	3770757.477	380.00
LOCATION	L0000932	VOLUME	481163.931	3770757.299	380.47
LOCATION	L0000933	VOLUME	481177.930	3770757.120	380.93

LOCATION	VOLUME				
LOCATION L0000934	VOLUME	481191.929	3770756.942	381.40	
LOCATION L0000935	VOLUME	481205.928	3770756.764	381.87	
LOCATION L0000936	VOLUME	481219.927	3770756.591	382.00	
LOCATION L0000937	VOLUME	481233.926	3770756.427	382.00	
LOCATION L0000938	VOLUME	481247.925	3770756.262	382.00	
LOCATION L0000939	VOLUME	481261.924	3770756.098	382.00	
LOCATION L0000940	VOLUME	481275.923	3770755.934	382.20	
LOCATION L0000941	VOLUME	481289.922	3770755.769	382.67	
LOCATION L0000942	VOLUME	481303.921	3770755.605	383.00	
LOCATION L0000943	VOLUME	481317.920	3770755.440	383.00	
LOCATION L0000944	VOLUME	481331.919	3770755.276	383.07	
LOCATION L0000945	VOLUME	481345.918	3770755.111	383.53	
LOCATION L0000946	VOLUME	481359.917	3770754.947	384.00	
LOCATION L0000947	VOLUME	481373.916	3770754.783	384.00	
LOCATION L0000948	VOLUME	481387.915	3770754.618	384.00	
LOCATION L0000949	VOLUME	481401.914	3770754.454	384.40	
LOCATION L0000950	VOLUME	481415.913	3770754.289	384.87	
LOCATION L0000951	VOLUME	481429.912	3770754.125	385.00	
LOCATION L0000952	VOLUME	481443.911	3770753.960	385.00	
LOCATION L0000953	VOLUME	481457.910	3770753.796	385.27	
LOCATION L0000954	VOLUME	481471.909	3770753.631	385.73	
LOCATION L0000955	VOLUME	481485.908	3770753.467	386.00	
LOCATION L0000956	VOLUME	481499.907	3770753.303	386.00	
LOCATION L0000957	VOLUME	481513.906	3770753.138	386.13	
LOCATION L0000958	VOLUME	481527.905	3770752.974	386.60	
LOCATION L0000959	VOLUME	481541.904	3770752.809	387.00	
LOCATION L0000960	VOLUME	481555.903	3770752.645	387.00	
LOCATION L0000961	VOLUME	481569.902	3770752.480	387.00	
LOCATION L0000962	VOLUME	481583.902	3770752.316	387.47	
LOCATION L0000963	VOLUME	481597.901	3770752.152	387.93	

\*\* End of LINE VOLUME Source ID = SLINE4

\*\* Source Parameters \*\*

\*\* LINE VOLUME Source ID = SLINE1

SRCPARAM	VOLUME				
SRCPARAM L0000643	0.00000159	3.49	4.00	3.25	
SRCPARAM L0000644	0.00000159	3.49	4.00	3.25	
SRCPARAM L0000645	0.00000159	3.49	4.00	3.25	
SRCPARAM L0000646	0.00000159	3.49	4.00	3.25	
SRCPARAM L0000647	0.00000159	3.49	4.00	3.25	
SRCPARAM L0000648	0.00000159	3.49	4.00	3.25	
SRCPARAM L0000649	0.00000159	3.49	4.00	3.25	
SRCPARAM L0000650	0.00000159	3.49	4.00	3.25	
SRCPARAM L0000651	0.00000159	3.49	4.00	3.25	
SRCPARAM L0000652	0.00000159	3.49	4.00	3.25	
SRCPARAM L0000653	0.00000159	3.49	4.00	3.25	
SRCPARAM L0000654	0.00000159	3.49	4.00	3.25	
SRCPARAM L0000655	0.00000159	3.49	4.00	3.25	
SRCPARAM L0000656	0.00000159	3.49	4.00	3.25	
SRCPARAM L0000657	0.00000159	3.49	4.00	3.25	
SRCPARAM L0000658	0.00000159	3.49	4.00	3.25	
SRCPARAM L0000659	0.00000159	3.49	4.00	3.25	
SRCPARAM L0000660	0.00000159	3.49	4.00	3.25	
SRCPARAM L0000661	0.00000159	3.49	4.00	3.25	
SRCPARAM L0000662	0.00000159	3.49	4.00	3.25	
SRCPARAM L0000663	0.00000159	3.49	4.00	3.25	
SRCPARAM L0000664	0.00000159	3.49	4.00	3.25	
SRCPARAM L0000665	0.00000159	3.49	4.00	3.25	
SRCPARAM L0000666	0.00000159	3.49	4.00	3.25	
SRCPARAM L0000667	0.00000159	3.49	4.00	3.25	
SRCPARAM L0000668	0.00000159	3.49	4.00	3.25	
SRCPARAM L0000669	0.00000159	3.49	4.00	3.25	
SRCPARAM L0000670	0.00000159	3.49	4.00	3.25	
SRCPARAM L0000671	0.00000159	3.49	4.00	3.25	
SRCPARAM L0000672	0.00000159	3.49	4.00	3.25	

\*\*

\*\* LINE VOLUME Source ID = SLINE2

SRCPARAM L0000673	0.0000003338	3.49	4.00	3.25	
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SRCPARAM	L0000934	0.0000001978	3.49	6.51	3.25
SRCPARAM	L0000935	0.0000001978	3.49	6.51	3.25
SRCPARAM	L0000936	0.0000001978	3.49	6.51	3.25
SRCPARAM	L0000937	0.0000001978	3.49	6.51	3.25
SRCPARAM	L0000938	0.0000001978	3.49	6.51	3.25
SRCPARAM	L0000939	0.0000001978	3.49	6.51	3.25
SRCPARAM	L0000940	0.0000001978	3.49	6.51	3.25
SRCPARAM	L0000941	0.0000001978	3.49	6.51	3.25
SRCPARAM	L0000942	0.0000001978	3.49	6.51	3.25
SRCPARAM	L0000943	0.0000001978	3.49	6.51	3.25
SRCPARAM	L0000944	0.0000001978	3.49	6.51	3.25
SRCPARAM	L0000945	0.0000001978	3.49	6.51	3.25
SRCPARAM	L0000946	0.0000001978	3.49	6.51	3.25
SRCPARAM	L0000947	0.0000001978	3.49	6.51	3.25
SRCPARAM	L0000948	0.0000001978	3.49	6.51	3.25
SRCPARAM	L0000949	0.0000001978	3.49	6.51	3.25
SRCPARAM	L0000950	0.0000001978	3.49	6.51	3.25
SRCPARAM	L0000951	0.0000001978	3.49	6.51	3.25
SRCPARAM	L0000952	0.0000001978	3.49	6.51	3.25
SRCPARAM	L0000953	0.0000001978	3.49	6.51	3.25
SRCPARAM	L0000954	0.0000001978	3.49	6.51	3.25
SRCPARAM	L0000955	0.0000001978	3.49	6.51	3.25
SRCPARAM	L0000956	0.0000001978	3.49	6.51	3.25
SRCPARAM	L0000957	0.0000001978	3.49	6.51	3.25
SRCPARAM	L0000958	0.0000001978	3.49	6.51	3.25
SRCPARAM	L0000959	0.0000001978	3.49	6.51	3.25
SRCPARAM	L0000960	0.0000001978	3.49	6.51	3.25
SRCPARAM	L0000961	0.0000001978	3.49	6.51	3.25
SRCPARAM	L0000962	0.0000001978	3.49	6.51	3.25
SRCPARAM	L0000963	0.0000001978	3.49	6.51	3.25

\*\* -----

URBANSRC ALL  
SRCGROUP ALL

SO FINISHED

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\*\*\*\*\*

\*\* AERMOD Receptor Pathway  
\*\*\*\*\*

\*\*  
\*\*

RE STARTING  
INCLUDED "14412 Ops.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 ANNUAL ALL "14412 Ops.AD\AN00GALL.PLT" 31

\*\*\* 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 781 MEOpen: THRESH\_1MIN 1-min ASOS wind speed threshold used 0.50  
ME W187 781 MEOpen: ADJ\_U\* Option for Stable Low Winds used in AERMET

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

\*\*\* AERMOD - VERSION 21112 \*\*\* \*\*\* C:\Users\Michael Tirohn\Desktop\HRAs\14412 Nevada  
Street Warehouse\1 \*\*\* 08/24/22

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

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

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

\*\*Model Is Setup For Calculation of Average CONCentration Values.

-- DEPOSITION LOGIC --

\*\*NO GAS DEPOSITION Data Provided.

\*\*NO PARTICLE DEPOSITION Data Provided.

\*\*Model Uses NO DRY DEPLETION. DRYDPLT = F

\*\*Model Uses NO WET DEPLETION. WETDPLT = F

\*\*Model Uses URBAN Dispersion Algorithm for the SBL for 321 Source(s),  
for Total of 1 Urban Area(s):

Urban Population = 2035210.0 ; Urban Roughness Length = 1.000 m

\*\*Model Uses Regulatory DEFAULT Options:

1. Stack-tip Downwash.
2. Model Accounts for ELEVated Terrain Effects.
3. Use Calms Processing Routine.
4. Use Missing Data Processing Routine.
5. No Exponential Decay.
6. Urban Roughness Length of 1.0 Meter Assumed.

\*\*Other Options Specified:

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 ANNUAL Averages Only

\*\*This Run Includes: 321 Source(s); 1 Source Group(s); and 37 Receptor(s)

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

and: 321 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)

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

\*\*The AERMET Input Meteorological Data Version Date: 16216

\*\*Output Options Selected:

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

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

\*\*Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 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 = 3.6 MB of RAM.

\*\*Input Runstream File:

aermod.inp

\*\*Output Print File:

aermod.out

\*\*Detailed Error/Message File: 14412

Ops.err

\*\*File for Summary of Results: 14412

Ops.sum

\*\*\* AERMOD - VERSION 21112 \*\*\* C:\Users\Michael Tirohn\Desktop\HRAs\14412 Nevada  
Street Warehouse\1 \*\*\* 08/24/22

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

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

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

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

L0000643 0 0.15900E-05 480023.3 3771935.8 361.0 3.49 4.00 3.25

YES

L0000644 YES	0	0.15900E-05	480031.9	3771935.8	361.0	3.49	4.00	3.25
L0000645 YES	0	0.15900E-05	480040.5	3771935.8	361.0	3.49	4.00	3.25
L0000646 YES	0	0.15900E-05	480049.1	3771935.8	361.3	3.49	4.00	3.25
L0000647 YES	0	0.15900E-05	480057.7	3771935.7	361.6	3.49	4.00	3.25
L0000648 YES	0	0.15900E-05	480066.3	3771935.7	361.9	3.49	4.00	3.25
L0000649 YES	0	0.15900E-05	480074.9	3771935.7	362.0	3.49	4.00	3.25
L0000650 YES	0	0.15900E-05	480083.5	3771935.7	362.0	3.49	4.00	3.25
L0000651 YES	0	0.15900E-05	480092.1	3771935.7	362.0	3.49	4.00	3.25
L0000652 YES	0	0.15900E-05	480100.6	3771935.7	362.0	3.49	4.00	3.25
L0000653 YES	0	0.15900E-05	480109.2	3771935.7	362.1	3.49	4.00	3.25
L0000654 YES	0	0.15900E-05	480117.8	3771935.6	362.2	3.49	4.00	3.25
L0000655 YES	0	0.15900E-05	480126.4	3771935.6	362.3	3.49	4.00	3.25
L0000656 YES	0	0.15900E-05	480135.0	3771935.6	362.5	3.49	4.00	3.25
L0000657 YES	0	0.15900E-05	480143.6	3771935.6	362.7	3.49	4.00	3.25
L0000658 YES	0	0.15900E-05	480152.2	3771935.6	362.8	3.49	4.00	3.25
L0000659 YES	0	0.15900E-05	480160.8	3771935.6	363.0	3.49	4.00	3.25
L0000660 YES	0	0.15900E-05	480169.4	3771935.6	363.1	3.49	4.00	3.25
L0000661 YES	0	0.15900E-05	480178.0	3771935.5	363.2	3.49	4.00	3.25
L0000662 YES	0	0.15900E-05	480186.5	3771935.5	363.3	3.49	4.00	3.25
L0000663 YES	0	0.15900E-05	480195.1	3771935.5	363.5	3.49	4.00	3.25
L0000664 YES	0	0.15900E-05	480203.7	3771935.5	363.7	3.49	4.00	3.25
L0000665 YES	0	0.15900E-05	480212.3	3771935.5	363.8	3.49	4.00	3.25
L0000666 YES	0	0.15900E-05	480220.9	3771935.5	364.0	3.49	4.00	3.25
L0000667 YES	0	0.15900E-05	480229.5	3771935.5	364.1	3.49	4.00	3.25
L0000668 YES	0	0.15900E-05	480238.1	3771935.4	364.2	3.49	4.00	3.25
L0000669 YES	0	0.15900E-05	480246.7	3771935.4	364.3	3.49	4.00	3.25
L0000670 YES	0	0.15900E-05	480255.3	3771935.4	364.5	3.49	4.00	3.25
L0000671 YES	0	0.15900E-05	480263.9	3771935.4	364.7	3.49	4.00	3.25
L0000672 YES	0	0.15900E-05	480272.4	3771935.4	364.8	3.49	4.00	3.25
L0000673 YES	0	0.33380E-06	480271.7	3771955.8	364.7	3.49	4.00	3.25
L0000674 YES	0	0.33380E-06	480263.1	3771955.8	364.4	3.49	4.00	3.25
L0000675 YES	0	0.33380E-06	480254.5	3771955.8	364.2	3.49	4.00	3.25
L0000676 YES	0	0.33380E-06	480245.9	3771955.8	364.0	3.49	4.00	3.25



L0000700	0	0.33380E-06	480039.7	3771955.6	361.0	3.49	4.00	3.25
YES								
L0000701	0	0.33380E-06	480031.1	3771955.6	360.9	3.49	4.00	3.25
YES								
L0000702	0	0.33380E-06	480022.6	3771955.5	360.8	3.49	4.00	3.25
YES								
L0000703	0	0.33380E-06	480014.0	3771955.5	360.7	3.49	4.00	3.25
YES								
L0000704	0	0.33380E-06	480005.4	3771955.5	360.6	3.49	4.00	3.25
YES								
L0000705	0	0.33380E-06	479996.8	3771955.5	360.4	3.49	4.00	3.25
YES								
L0000706	0	0.33380E-06	479988.2	3771955.5	360.2	3.49	4.00	3.25
YES								
L0000707	0	0.33380E-06	479979.6	3771955.5	360.0	3.49	4.00	3.25
YES								
L0000708	0	0.33380E-06	479971.0	3771955.5	359.9	3.49	4.00	3.25
YES								
L0000709	0	0.33380E-06	479962.4	3771955.5	359.8	3.49	4.00	3.25
YES								
L0000710	0	0.12160E-06	479941.1	3771952.6	359.9	3.49	4.00	3.25
YES								
L0000711	0	0.12160E-06	479941.2	3771944.0	360.0	3.49	4.00	3.25
YES								
L0000712	0	0.12160E-06	479941.3	3771935.4	360.0	3.49	4.00	3.25
YES								
L0000713	0	0.12160E-06	479941.4	3771926.9	360.0	3.49	4.00	3.25
YES								
L0000714	0	0.12160E-06	479941.4	3771918.3	360.0	3.49	4.00	3.25
YES								
L0000715	0	0.12160E-06	479941.5	3771909.7	360.0	3.49	4.00	3.25
YES								
L0000716	0	0.12160E-06	479941.6	3771901.1	360.0	3.49	4.00	3.25
YES								
L0000717	0	0.12160E-06	479941.6	3771892.5	360.0	3.49	4.00	3.25
YES								
L0000718	0	0.12160E-06	479941.7	3771883.9	360.1	3.49	4.00	3.25
YES								
L0000719	0	0.12160E-06	479941.8	3771875.3	360.3	3.49	4.00	3.25
YES								
L0000720	0	0.12160E-06	479941.8	3771866.7	360.5	3.49	4.00	3.25
YES								
L0000721	0	0.12160E-06	479941.9	3771858.1	360.7	3.49	4.00	3.25
YES								
L0000722	0	0.12160E-06	479942.0	3771849.5	360.7	3.49	4.00	3.25
YES								

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*** AERMOD - VERSION 21112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14412 Nevada
Street Warehouse\1 ***              08/24/22
*** 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)		BY						

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L0000779	0	0.12160E-06	479939.0	3771360.2	362.0	3.49	4.00	3.25
YES								
L0000780	0	0.12160E-06	479939.0	3771351.6	362.0	3.49	4.00	3.25
YES								
L0000781	0	0.12160E-06	479939.0	3771343.0	362.0	3.49	4.00	3.25
YES								
L0000782	0	0.12160E-06	479939.0	3771334.4	362.0	3.49	4.00	3.25
YES								
L0000783	0	0.12160E-06	479939.0	3771325.9	362.0	3.49	4.00	3.25
YES								
L0000784	0	0.12160E-06	479939.0	3771317.3	362.0	3.49	4.00	3.25
YES								
L0000785	0	0.12160E-06	479939.0	3771308.7	362.0	3.49	4.00	3.25
YES								
L0000786	0	0.12160E-06	479938.9	3771300.1	362.0	3.49	4.00	3.25
YES								
L0000787	0	0.12160E-06	479938.9	3771291.5	362.0	3.49	4.00	3.25
YES								
L0000788	0	0.12160E-06	479938.9	3771282.9	362.0	3.49	4.00	3.25
YES								
L0000789	0	0.12160E-06	479938.9	3771274.3	362.0	3.49	4.00	3.25
YES								
L0000790	0	0.12160E-06	479938.9	3771265.7	362.0	3.49	4.00	3.25
YES								
L0000791	0	0.12160E-06	479938.9	3771257.1	362.0	3.49	4.00	3.25
YES								
L0000792	0	0.12160E-06	479938.9	3771248.5	362.0	3.49	4.00	3.25
YES								
L0000793	0	0.12160E-06	479938.9	3771240.0	362.0	3.49	4.00	3.25
YES								
L0000794	0	0.12160E-06	479938.8	3771231.4	362.0	3.49	4.00	3.25
YES								
L0000795	0	0.12160E-06	479938.8	3771222.8	362.0	3.49	4.00	3.25
YES								
L0000796	0	0.12160E-06	479938.8	3771214.2	362.0	3.49	4.00	3.25
YES								
L0000797	0	0.12160E-06	479938.8	3771205.6	362.0	3.49	4.00	3.25
YES								
L0000798	0	0.12160E-06	479938.8	3771197.0	362.0	3.49	4.00	3.25
YES								
L0000799	0	0.12160E-06	479938.8	3771188.4	362.0	3.49	4.00	3.25
YES								
L0000800	0	0.12160E-06	479938.8	3771179.8	362.0	3.49	4.00	3.25
YES								
L0000801	0	0.12160E-06	479938.8	3771171.2	362.0	3.49	4.00	3.25
YES								
L0000802	0	0.12160E-06	479938.7	3771162.6	362.1	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	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ
ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)		BY						





L0000858	0	0.19780E-06	480129.0	3770780.8	366.0	3.49	6.51	3.25
YES								
L0000859	0	0.19780E-06	480143.0	3770780.7	366.0	3.49	6.51	3.25
YES								
L0000860	0	0.19780E-06	480157.0	3770780.6	366.0	3.49	6.51	3.25
YES								
L0000861	0	0.19780E-06	480171.0	3770780.4	366.4	3.49	6.51	3.25
YES								
L0000862	0	0.19780E-06	480185.0	3770780.3	366.8	3.49	6.51	3.25
YES								
L0000863	0	0.19780E-06	480199.0	3770780.2	367.0	3.49	6.51	3.25
YES								
L0000864	0	0.19780E-06	480213.0	3770780.1	367.0	3.49	6.51	3.25
YES								
L0000865	0	0.19780E-06	480227.0	3770780.0	367.0	3.49	6.51	3.25
YES								
L0000866	0	0.19780E-06	480241.0	3770779.8	367.0	3.49	6.51	3.25
YES								
L0000867	0	0.19780E-06	480255.0	3770779.7	367.2	3.49	6.51	3.25
YES								
L0000868	0	0.19780E-06	480269.0	3770779.6	367.6	3.49	6.51	3.25
YES								
L0000869	0	0.19780E-06	480283.0	3770779.5	368.0	3.49	6.51	3.25
YES								
L0000870	0	0.19780E-06	480297.0	3770779.3	368.0	3.49	6.51	3.25
YES								
L0000871	0	0.19780E-06	480311.0	3770779.2	368.0	3.49	6.51	3.25
YES								
L0000872	0	0.19780E-06	480325.0	3770779.1	368.0	3.49	6.51	3.25
YES								
L0000873	0	0.19780E-06	480339.0	3770779.0	368.0	3.49	6.51	3.25
YES								
L0000874	0	0.19780E-06	480353.0	3770778.9	368.4	3.49	6.51	3.25
YES								
L0000875	0	0.19780E-06	480367.0	3770778.7	368.9	3.49	6.51	3.25
YES								
L0000876	0	0.19780E-06	480381.0	3770778.6	369.0	3.49	6.51	3.25
YES								
L0000877	0	0.19780E-06	480395.0	3770778.5	369.0	3.49	6.51	3.25
YES								
L0000878	0	0.19780E-06	480409.0	3770778.4	369.3	3.49	6.51	3.25
YES								
L0000879	0	0.19780E-06	480423.0	3770778.3	369.8	3.49	6.51	3.25
YES								
L0000880	0	0.19780E-06	480437.0	3770778.1	370.0	3.49	6.51	3.25
YES								
L0000881	0	0.19780E-06	480451.0	3770778.0	370.0	3.49	6.51	3.25
YES								
L0000882	0	0.19780E-06	480465.0	3770777.9	370.0	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)
	SCALAR VARY							
	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	



L0000914	0	0.19780E-06	480911.9	3770759.0	377.0	3.49	6.51	3.25
YES								
L0000915	0	0.19780E-06	480925.9	3770759.1	377.0	3.49	6.51	3.25
YES								
L0000916	0	0.19780E-06	480939.9	3770759.1	377.0	3.49	6.51	3.25
YES								
L0000917	0	0.19780E-06	480953.9	3770759.2	377.5	3.49	6.51	3.25
YES								
L0000918	0	0.19780E-06	480967.9	3770759.3	377.9	3.49	6.51	3.25
YES								
L0000919	0	0.19780E-06	480981.9	3770759.3	378.0	3.49	6.51	3.25
YES								
L0000920	0	0.19780E-06	480995.9	3770759.4	378.0	3.49	6.51	3.25
YES								
L0000921	0	0.19780E-06	481009.9	3770759.3	378.3	3.49	6.51	3.25
YES								
L0000922	0	0.19780E-06	481023.9	3770759.1	378.8	3.49	6.51	3.25
YES								

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

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

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

L0000923	0	0.19780E-06	481037.9	3770758.9	379.0	3.49	6.51	3.25
YES								
L0000924	0	0.19780E-06	481051.9	3770758.7	379.0	3.49	6.51	3.25
YES								
L0000925	0	0.19780E-06	481065.9	3770758.5	379.2	3.49	6.51	3.25
YES								
L0000926	0	0.19780E-06	481079.9	3770758.4	379.7	3.49	6.51	3.25
YES								
L0000927	0	0.19780E-06	481093.9	3770758.2	380.0	3.49	6.51	3.25
YES								
L0000928	0	0.19780E-06	481107.9	3770758.0	380.0	3.49	6.51	3.25
YES								
L0000929	0	0.19780E-06	481121.9	3770757.8	380.0	3.49	6.51	3.25
YES								
L0000930	0	0.19780E-06	481135.9	3770757.7	380.0	3.49	6.51	3.25
YES								
L0000931	0	0.19780E-06	481149.9	3770757.5	380.0	3.49	6.51	3.25
YES								
L0000932	0	0.19780E-06	481163.9	3770757.3	380.5	3.49	6.51	3.25
YES								
L0000933	0	0.19780E-06	481177.9	3770757.1	380.9	3.49	6.51	3.25
YES								
L0000934	0	0.19780E-06	481191.9	3770756.9	381.4	3.49	6.51	3.25
YES								
L0000935	0	0.19780E-06	481205.9	3770756.8	381.9	3.49	6.51	3.25
YES								
L0000936	0	0.19780E-06	481219.9	3770756.6	382.0	3.49	6.51	3.25
YES								

L0000937	0	0.19780E-06	481233.9	3770756.4	382.0	3.49	6.51	3.25
YES								
L0000938	0	0.19780E-06	481247.9	3770756.3	382.0	3.49	6.51	3.25
YES								
L0000939	0	0.19780E-06	481261.9	3770756.1	382.0	3.49	6.51	3.25
YES								
L0000940	0	0.19780E-06	481275.9	3770755.9	382.2	3.49	6.51	3.25
YES								
L0000941	0	0.19780E-06	481289.9	3770755.8	382.7	3.49	6.51	3.25
YES								
L0000942	0	0.19780E-06	481303.9	3770755.6	383.0	3.49	6.51	3.25
YES								
L0000943	0	0.19780E-06	481317.9	3770755.4	383.0	3.49	6.51	3.25
YES								
L0000944	0	0.19780E-06	481331.9	3770755.3	383.1	3.49	6.51	3.25
YES								
L0000945	0	0.19780E-06	481345.9	3770755.1	383.5	3.49	6.51	3.25
YES								
L0000946	0	0.19780E-06	481359.9	3770754.9	384.0	3.49	6.51	3.25
YES								
L0000947	0	0.19780E-06	481373.9	3770754.8	384.0	3.49	6.51	3.25
YES								
L0000948	0	0.19780E-06	481387.9	3770754.6	384.0	3.49	6.51	3.25
YES								
L0000949	0	0.19780E-06	481401.9	3770754.5	384.4	3.49	6.51	3.25
YES								
L0000950	0	0.19780E-06	481415.9	3770754.3	384.9	3.49	6.51	3.25
YES								
L0000951	0	0.19780E-06	481429.9	3770754.1	385.0	3.49	6.51	3.25
YES								
L0000952	0	0.19780E-06	481443.9	3770754.0	385.0	3.49	6.51	3.25
YES								
L0000953	0	0.19780E-06	481457.9	3770753.8	385.3	3.49	6.51	3.25
YES								
L0000954	0	0.19780E-06	481471.9	3770753.6	385.7	3.49	6.51	3.25
YES								
L0000955	0	0.19780E-06	481485.9	3770753.5	386.0	3.49	6.51	3.25
YES								
L0000956	0	0.19780E-06	481499.9	3770753.3	386.0	3.49	6.51	3.25
YES								
L0000957	0	0.19780E-06	481513.9	3770753.1	386.1	3.49	6.51	3.25
YES								
L0000958	0	0.19780E-06	481527.9	3770753.0	386.6	3.49	6.51	3.25
YES								
L0000959	0	0.19780E-06	481541.9	3770752.8	387.0	3.49	6.51	3.25
YES								
L0000960	0	0.19780E-06	481555.9	3770752.6	387.0	3.49	6.51	3.25
YES								
L0000961	0	0.19780E-06	481569.9	3770752.5	387.0	3.49	6.51	3.25
YES								
L0000962	0	0.19780E-06	481583.9	3770752.3	387.5	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.		
	URBAN	EMISSION RATE						
	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ



SOURCE ID (METERS)	SCALAR CATS.	VARY BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
L0000963	0	0.19780E-06	481597.9	3770752.2	387.9	3.49	6.51 3.25

YES

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

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

SRCGROUP ID	SOURCE IDs
ALL	L0000643 , L0000644 , L0000645 , L0000646 , L0000647 , L0000648 ,
L0000649	, L0000650 ,
	L0000651 , L0000652 , L0000653 , L0000654 , L0000655 , L0000656 ,
	L0000657 , L0000658 ,
	L0000659 , L0000660 , L0000661 , L0000662 , L0000663 , L0000664 ,
	L0000665 , L0000666 ,
	L0000667 , L0000668 , L0000669 , L0000670 , L0000671 , L0000672 ,
	L0000673 , L0000674 ,
	L0000675 , L0000676 , L0000677 , L0000678 , L0000679 , L0000680 ,
	L0000681 , L0000682 ,
	L0000683 , L0000684 , L0000685 , L0000686 , L0000687 , L0000688 ,
	L0000689 , L0000690 ,
	L0000691 , L0000692 , L0000693 , L0000694 , L0000695 , L0000696 ,
	L0000697 , L0000698 ,
	L0000699 , L0000700 , L0000701 , L0000702 , L0000703 , L0000704 ,
	L0000705 , L0000706 ,
	L0000707 , L0000708 , L0000709 , L0000710 , L0000711 , L0000712 ,
	L0000713 , L0000714 ,
	L0000715 , L0000716 , L0000717 , L0000718 , L0000719 , L0000720 ,
	L0000721 , L0000722 ,
	L0000723 , L0000724 , L0000725 , L0000726 , L0000727 , L0000728 ,
	L0000729 , L0000730 ,
	L0000731 , L0000732 , L0000733 , L0000734 , L0000735 , L0000736 ,
	L0000737 , L0000738 ,
	L0000739 , L0000740 , L0000741 , L0000742 , L0000743 , L0000744 ,
	L0000745 , L0000746 ,
	L0000747 , L0000748 , L0000749 , L0000750 , L0000751 , L0000752 ,
	L0000753 , L0000754 ,
	L0000755 , L0000756 , L0000757 , L0000758 , L0000759 , L0000760 ,

L0000761 , L0000762 ,  
 L0000763 , L0000764 , L0000765 , L0000766 , L0000767 , L0000768 ,  
 L0000769 , L0000770 ,  
 L0000771 , L0000772 , L0000773 , L0000774 , L0000775 , L0000776 ,  
 L0000777 , L0000778 ,  
 L0000779 , L0000780 , L0000781 , L0000782 , L0000783 , L0000784 ,  
 L0000785 , L0000786 ,  
 L0000787 , L0000788 , L0000789 , L0000790 , L0000791 , L0000792 ,  
 L0000793 , L0000794 ,  
 L0000795 , L0000796 , L0000797 , L0000798 , L0000799 , L0000800 ,  
 L0000801 , L0000802 ,

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

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

SRCGROUP ID

SOURCE IDs

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L0000803 , L0000804 , L0000805 , L0000806 , L0000807 , L0000808 ,  
 L0000809 , L0000810 ,  
 L0000811 , L0000812 , L0000813 , L0000814 , L0000815 , L0000816 ,  
 L0000817 , L0000818 ,  
 L0000819 , L0000820 , L0000821 , L0000822 , L0000823 , L0000824 ,  
 L0000825 , L0000826 ,  
 L0000827 , L0000828 , L0000829 , L0000830 , L0000831 , L0000832 ,  
 L0000833 , L0000834 ,  
 L0000835 , L0000836 , L0000837 , L0000838 , L0000839 , L0000840 ,  
 L0000841 , L0000842 ,  
 L0000843 , L0000844 , L0000845 , L0000846 , L0000847 , L0000848 ,  
 L0000849 , L0000850 ,  
 L0000851 , L0000852 , L0000853 , L0000854 , L0000855 , L0000856 ,  
 L0000857 , L0000858 ,  
 L0000859 , L0000860 , L0000861 , L0000862 , L0000863 , L0000864 ,  
 L0000865 , L0000866 ,  
 L0000867 , L0000868 , L0000869 , L0000870 , L0000871 , L0000872 ,  
 L0000873 , L0000874 ,  
 L0000875 , L0000876 , L0000877 , L0000878 , L0000879 , L0000880 ,  
 L0000881 , L0000882 ,  
 L0000883 , L0000884 , L0000885 , L0000886 , L0000887 , L0000888 ,  
 L0000889 , L0000890 ,  
 L0000891 , L0000892 , L0000893 , L0000894 , L0000895 , L0000896 ,  
 L0000897 , L0000898 ,

L0000899 , L0000900 , L0000901 , L0000902 , L0000903 , L0000904 ,  
 L0000905 , L0000906 ,  
  
 L0000907 , L0000908 , L0000909 , L0000910 , L0000911 , L0000912 ,  
 L0000913 , L0000914 ,  
  
 L0000915 , L0000916 , L0000917 , L0000918 , L0000919 , L0000920 ,  
 L0000921 , L0000922 ,  
  
 L0000923 , L0000924 , L0000925 , L0000926 , L0000927 , L0000928 ,  
 L0000929 , L0000930 ,  
  
 L0000931 , L0000932 , L0000933 , L0000934 , L0000935 , L0000936 ,  
 L0000937 , L0000938 ,  
  
 L0000939 , L0000940 , L0000941 , L0000942 , L0000943 , L0000944 ,  
 L0000945 , L0000946 ,  
  
 L0000947 , L0000948 , L0000949 , L0000950 , L0000951 , L0000952 ,  
 L0000953 , L0000954 ,  
  
 L0000955 , L0000956 , L0000957 , L0000958 , L0000959 , L0000960 ,  
 L0000961 , L0000962 ,

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

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

SRCGROUP ID	SOURCE IDs
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L0000963 ,

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

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

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----

L0000650	2035210. L0000648	L0000643 , L0000649	L0000644 ,	L0000645 ,	L0000646 ,	L0000647 ,
	L0000651 L0000657	L0000652 , L0000658	L0000653 ,	L0000654 ,	L0000655 ,	L0000656 ,
	L0000659 L0000665	L0000660 , L0000666	L0000661 ,	L0000662 ,	L0000663 ,	L0000664 ,
	L0000667	L0000668 ,	L0000669 ,	L0000670 ,	L0000671 ,	L0000672 ,

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L0000673 , L0000674 ,
L0000675 , L0000676 , L0000677 , L0000678 , L0000679 , L0000680 ,
L0000681 , L0000682 ,
L0000683 , L0000684 , L0000685 , L0000686 , L0000687 , L0000688 ,
L0000689 , L0000690 ,
L0000691 , L0000692 , L0000693 , L0000694 , L0000695 , L0000696 ,
L0000697 , L0000698 ,
L0000699 , L0000700 , L0000701 , L0000702 , L0000703 , L0000704 ,
L0000705 , L0000706 ,
L0000707 , L0000708 , L0000709 , L0000710 , L0000711 , L0000712 ,
L0000713 , L0000714 ,
L0000715 , L0000716 , L0000717 , L0000718 , L0000719 , L0000720 ,
L0000721 , L0000722 ,
L0000723 , L0000724 , L0000725 , L0000726 , L0000727 , L0000728 ,
L0000729 , L0000730 ,
L0000731 , L0000732 , L0000733 , L0000734 , L0000735 , L0000736 ,
L0000737 , L0000738 ,
L0000739 , L0000740 , L0000741 , L0000742 , L0000743 , L0000744 ,
L0000745 , L0000746 ,
L0000747 , L0000748 , L0000749 , L0000750 , L0000751 , L0000752 ,
L0000753 , L0000754 ,
L0000755 , L0000756 , L0000757 , L0000758 , L0000759 , L0000760 ,
L0000761 , L0000762 ,
L0000763 , L0000764 , L0000765 , L0000766 , L0000767 , L0000768 ,
L0000769 , L0000770 ,
L0000771 , L0000772 , L0000773 , L0000774 , L0000775 , L0000776 ,
L0000777 , L0000778 ,
L0000779 , L0000780 , L0000781 , L0000782 , L0000783 , L0000784 ,
L0000785 , L0000786 ,
L0000787 , L0000788 , L0000789 , L0000790 , L0000791 , L0000792 ,
L0000793 , L0000794 ,
L0000795 , L0000796 , L0000797 , L0000798 , L0000799 , L0000800 ,
L0000801 , L0000802 ,

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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
-----	-----	-----
L0000803	L0000804	L0000805 , L0000806 , L0000807 , L0000808 ,
L0000809	L0000810	,

L0000811 , L0000812 , L0000813 , L0000814 , L0000815 , L0000816 ,  
 L0000817 , L0000818 ,  
  
 L0000819 , L0000820 , L0000821 , L0000822 , L0000823 , L0000824 ,  
 L0000825 , L0000826 ,  
  
 L0000827 , L0000828 , L0000829 , L0000830 , L0000831 , L0000832 ,  
 L0000833 , L0000834 ,  
  
 L0000835 , L0000836 , L0000837 , L0000838 , L0000839 , L0000840 ,  
 L0000841 , L0000842 ,  
  
 L0000843 , L0000844 , L0000845 , L0000846 , L0000847 , L0000848 ,  
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 L0000857 , L0000858 ,  
  
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 L0000865 , L0000866 ,  
  
 L0000867 , L0000868 , L0000869 , L0000870 , L0000871 , L0000872 ,  
 L0000873 , L0000874 ,  
  
 L0000875 , L0000876 , L0000877 , L0000878 , L0000879 , L0000880 ,  
 L0000881 , L0000882 ,  
  
 L0000883 , L0000884 , L0000885 , L0000886 , L0000887 , L0000888 ,  
 L0000889 , L0000890 ,  
  
 L0000891 , L0000892 , L0000893 , L0000894 , L0000895 , L0000896 ,  
 L0000897 , L0000898 ,  
  
 L0000899 , L0000900 , L0000901 , L0000902 , L0000903 , L0000904 ,  
 L0000905 , L0000906 ,  
  
 L0000907 , L0000908 , L0000909 , L0000910 , L0000911 , L0000912 ,  
 L0000913 , L0000914 ,  
  
 L0000915 , L0000916 , L0000917 , L0000918 , L0000919 , L0000920 ,  
 L0000921 , L0000922 ,  
  
 L0000923 , L0000924 , L0000925 , L0000926 , L0000927 , L0000928 ,  
 L0000929 , L0000930 ,  
  
 L0000931 , L0000932 , L0000933 , L0000934 , L0000935 , L0000936 ,  
 L0000937 , L0000938 ,  
  
 L0000939 , L0000940 , L0000941 , L0000942 , L0000943 , L0000944 ,  
 L0000945 , L0000946 ,  
  
 L0000947 , L0000948 , L0000949 , L0000950 , L0000951 , L0000952 ,  
 L0000953 , L0000954 ,  
  
 L0000955 , L0000956 , L0000957 , L0000958 , L0000959 , L0000960 ,  
 L0000961 , L0000962 ,

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

INCLUDING SOURCE(S): L0000643 , L0000644 ,  
L0000645 , L0000646 , L0000647 ,  
L0000648 , L0000649 , L0000650 , L0000651 , L0000652 ,  
L0000653 , L0000654 , L0000655 , L0000656 , L0000657 , L0000658 , L0000659 , L0000660 ,  
L0000661 , L0000662 , L0000663 , L0000664 , L0000665 , L0000666 , L0000667 , L0000668 ,



\*\*\* 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
480388.30	3772069.25	0.00107		480390.27	
3771844.44	0.00134				
480370.55	3771666.47	0.00070		480225.12	
3771724.15	0.00127				
479979.11	3771725.63	0.00183		479859.80	
3771721.69	0.00102				
480145.78	3772132.66	0.00148		479875.23	
3771536.24	0.00090				
479082.72	3771837.40	0.00013		479485.23	
3773466.60	0.00006				
481976.50	3771355.40	0.00009		482390.48	
3771684.35	0.00006				
482397.28	3771525.78	0.00006		482378.50	
3771136.00	0.00006				
479987.47	3771357.29	0.00100		479878.93	
3771134.98	0.00077				
479962.62	3771140.21	0.00147		480178.41	
3770932.56	0.00047				
480179.09	3770832.89	0.00084		480426.21	
3770691.58	0.00056				
480564.79	3770835.62	0.00074		479963.37	
3770858.83	0.00145				
480555.24	3770698.41	0.00060		479916.95	
3770731.86	0.00054				
480861.35	3770712.98	0.00085		480944.36	
3770711.72	0.00084				
480831.17	3770623.68	0.00037		480971.19	
3770642.13	0.00042				
480814.96	3770808.86	0.00089		481074.07	
3770813.90	0.00074				
477499.03	3770759.08	0.00003		477499.03	
3770829.97	0.00003				
479880.75	3770843.24	0.00070		480139.68	
3770763.86	0.00180				
481898.93	3771533.63	0.00009		480677.43	
3770755.65	0.00157				
480624.85	3770742.15				
0.00109					

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

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

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

GROUP ID ZFLAG)	NETWORK OF TYPE GRID-ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL,
ALL 361.97,	1ST HIGHEST VALUE IS 0.00) DC	0.00183 AT (	479979.11, 3771725.63, 361.97,
	2ND HIGHEST VALUE IS 366.00, 0.00) DC	0.00180 AT (	480139.68, 3770763.86, 366.00,
	3RD HIGHEST VALUE IS 373.00, 0.00) DC	0.00157 AT (	480677.43, 3770755.65, 373.00,
	4TH HIGHEST VALUE IS 360.00, 0.00) DC	0.00148 AT (	480145.78, 3772132.66, 360.00,
	5TH HIGHEST VALUE IS 362.92, 0.00) DC	0.00147 AT (	479962.62, 3771140.21, 362.92,
	6TH HIGHEST VALUE IS 363.45, 0.00) DC	0.00145 AT (	479963.37, 3770858.83, 363.45,
	7TH HIGHEST VALUE IS 367.00, 0.00) DC	0.00134 AT (	480390.27, 3771844.44, 367.00,
	8TH HIGHEST VALUE IS 365.00, 0.00) DC	0.00127 AT (	480225.12, 3771724.15, 365.00,
	9TH HIGHEST VALUE IS 372.00, 0.00) DC	0.00109 AT (	480624.85, 3770742.15, 372.00,
	10TH HIGHEST VALUE IS 365.96, 0.00) DC	0.00107 AT (	480388.30, 3772069.25, 365.96,

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

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

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

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

A Total of 0 Fatal Error Message(s)  
 A Total of 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 781 MEOPEN: THRESH\_1MIN 1-min ASOS wind speed threshold used 0.50  
 ME W187 781 MEOPEN: ADJ\_U\* Option for Stable Low Winds used in AERMET

\*\*\*\*\*  
 \*\*\* AERMOD Finishes Successfully \*\*\*  
 \*\*\*\*\*

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**APPENDIX 2.4:**  
**RISK CALCULATIONS**

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

Source (a)	Mass GLC		Weight Fraction (d)	Contaminant (e)	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**									
	(ug/m <sup>3</sup> ) (b)	(mg/m <sup>3</sup> ) (c)			URF (ug/m <sup>3</sup> ) <sup>-1</sup> (f)	CPF (mg/kg/day) <sup>-1</sup> (g)	DOSE (mg/kg-day) (h)	RISK (i)	REL (ug/m <sup>3</sup> ) (j)	RfD (mg/kg/day) (k)	RESP (l)	CNS/PNS (m)	CV/BL (n)	IMMUN (o)	KIDN (p)	GI/LV (q)	REPRO (r)	EYES (s)
	0.00032	3.20E-07			1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.2E-07	2.9E-08	5.0E+00	1.4E-03	6.4E-05					
TOTAL							2.9E-08			6.4E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	

0.03

\*\* Key to Toxicological Endpoints

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

Note:      Exposure factors used to calculate contaminant intake

exposure frequency (days/year)	232
exposure duration (years)	0.88
inhalation rate (L/kg-day)	1090
inhalation absorption factor	1
averaging time (years)	70
fraction of time at home	1.00
age sensitivity factor (0 to 2 years old)	10

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

Source (a)	Mass GLC		Weight Fraction (d)	Contaminant (e)	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**									
	(ug/m <sup>3</sup> ) (b)	(mg/m <sup>3</sup> ) (c)			URF (ug/m <sup>3</sup> ) <sup>-1</sup> (f)	CPF (mg/kg/day) <sup>-1</sup> (g)	DOSE (mg/kg-day) (h)	RISK (i)	REL (ug/m <sup>3</sup> ) (j)	RfD (mg/kg/day) (k)	RESP (l)	CNS/PNS (m)	CV/BL (n)	IMMUN (o)	KIDN (p)	GI/LV (q)	REPRO (r)	EYES (s)
	0.00006	6.00E-08			1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	3.3E-08	2.0E-08	5.0E+00	1.4E-03	1.2E-05					
TOTAL					2.0E-08				1.2E-05 0.0E+00 0.0E+00 0.0E+00 0.0E+00 0.0E+00 0.0E+00 0.0E+00									

0.02

\*\* Key to Toxicological Endpoints

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

Note:        Exposure factors used to calculate contaminant intake

exposure frequency (days/year)	350
exposure duration (years)	13.23
inhalation rate (L/kg-day)	572
inhalation absorption factor	1
averaging time (years)	70
fraction of time at home	1.00
age sensitivity factor (ages 2 to 16 years)	3

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

Source (a)	Mass GLC		Weight Fraction (d)	Contaminant (e)	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**									
	(ug/m <sup>3</sup> ) (b)	(mg/m <sup>3</sup> ) (c)			URF (ug/m <sup>3</sup> ) <sup>-1</sup> (f)	CPF (mg/kg/day) <sup>-1</sup> (g)	DOSE (mg/kg-day) (h)	RISK (i)	REL (ug/m <sup>3</sup> ) (j)	RfD (mg/kg/day) (k)	RESP (l)	CNS/PNS (m)	CV/BL (n)	IMMUN (o)	KIDN (p)	GI/LV (q)	REPRO (r)	EYES (s)
		0.00006			6.00E-08	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.5E-08	3.2E-09	5.0E+00	1.4E-03	1.2E-05				
<b>TOTAL</b>					3.2E-09				1.2E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

0.00

\*\* Key to Toxicological Endpoints

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

Note:      Exposure factors used to calculate contaminant intake

exposure frequency (days/year)	350
exposure duration (years)	14
inhalation rate (L/kg-day)	261
inhalation absorption factor	1
averaging time (years)	70
fraction of time at home	1.00
age sensitivity factor (ages 16 to 30 years old)	1

**Total Risk for All Age Bins (per million)      0.05**

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

Source (a)	Mass GLC		Weight Fraction (d)	Contaminant (e)	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**									
	(ug/m <sup>3</sup> ) (b)	(mg/m <sup>3</sup> ) (c)			URF (ug/m <sup>3</sup> ) <sup>-1</sup> (f)	CPF (mg/kg/day) <sup>-1</sup> (g)	DOSE (mg/kg-day) (h)	RISK (i)	REL (ug/m <sup>3</sup> ) (j)	RfD (mg/kg/day) (k)	RESP (l)	CNS/PNS (m)	CV/BL (n)	IMMUN (o)	KIDN (p)	GI/LV (q)	REPRO (r)	EYES (s)
	0.00006	6.00E-08			1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.1E-08	7.8E-10	5.0E+00	1.4E-03	1.2E-05					
TOTAL					7.8E-10				1.2E-05 0.0E+00 0.0E+00 0.0E+00 0.0E+00 0.0E+00 0.0E+00 0.0E+00									

\*\* Key to Toxicological Endpoints

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

Note:            Exposure factors used to calculate contaminant intake

exposure frequency (days/year)	350
exposure duration (years)	0.25
inhalation rate (L/kg-day)	361
inhalation absorption factor	1
averaging time (years)	70
fraction of time at home	1.00
age sensitivity factor (age third trimester)	10



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

Source (a)	Mass GLC		Weight Fraction (d)	Contaminant (e)	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**									
	(ug/m <sup>3</sup> ) (b)	(mg/m <sup>3</sup> ) (c)			URF (ug/m <sup>3</sup> ) <sup>-1</sup> (f)	CPF (mg/kg/day) <sup>-1</sup> (g)	DOSE (mg/kg-day) (h)	RISK (i)	REL (ug/m <sup>3</sup> ) (j)	RfD (mg/kg/day) (k)	RESP (l)	CNS/PNS (m)	CV/BL (n)	IMMUN (o)	KIDN (p)	GI/LV (q)	REPRO (r)	EYES (s)
	0.00006	6.00E-08			1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	6.3E-08	1.9E-08	5.0E+00	1.4E-03	1.2E-05					
TOTAL					1.9E-08				1.2E-05 0.0E+00 0.0E+00 0.0E+00 0.0E+00 0.0E+00 0.0E+00 0.0E+00									

\*\* Key to Toxicological Endpoints

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

Note:            Exposure factors used to calculate contaminant intake

exposure frequency (days/year)	350
exposure duration (years)	2
inhalation rate (L/kg-day)	1090
inhalation absorption factor	1
averaging time (years)	70
fraction of time at home	1.00
age sensitivity factor (0 to 2 years old)	10

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

Source (a)	Mass GLC		Weight Fraction (d)	Contaminant (e)	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**									
	(ug/m <sup>3</sup> ) (b)	(mg/m <sup>3</sup> ) (c)			URF (ug/m <sup>3</sup> ) <sup>-1</sup> (f)	CPF (mg/kg/day) <sup>-1</sup> (g)	DOSE (mg/kg-day) (h)	RISK (i)	REL (ug/m <sup>3</sup> ) (j)	RfD (mg/kg/day) (k)	RESP (l)	CNS/PNS (m)	CV/BL (n)	IMMUN (o)	KIDN (p)	GI/LV (q)	REPRO (r)	EYES (s)
	0.00006	6.00E-08			1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	3.3E-08	2.1E-08	5.0E+00	1.4E-03	1.2E-05					
TOTAL							2.1E-08			1.2E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	

\*\* Key to Toxicological Endpoints

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

Note:            Exposure factors used to calculate contaminant intake

exposure frequency (days/year)	350
exposure duration (years)	14
inhalation rate (L/kg-day)	572
inhalation absorption factor	1
averaging time (years)	70
fraction of time at home	1.00
age sensitivity factor (ages 2 to 16 years)	3

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

Source (a)	Mass GLC		Weight Fraction (d)	Contaminant (e)	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**									
	(ug/m <sup>3</sup> ) (b)	(mg/m <sup>3</sup> ) (c)			URF (ug/m <sup>3</sup> ) <sup>-1</sup> (f)	CPF (mg/kg/day) <sup>-1</sup> (g)	DOSE (mg/kg-day) (h)	RISK (i)	REL (ug/m <sup>3</sup> ) (j)	RfD (mg/kg/day) (k)	RESP (l)	CNS/PNS (m)	CV/BL (n)	IMMUN (o)	KIDN (p)	GI/LV (q)	REPRO (r)	EYES (s)
		0.00006			6.00E-08	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	1.5E-08	2.3E-09	5.0E+00	1.4E-03	1.2E-05				
<b>TOTAL</b>					2.3E-09				1.2E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	

0.00

\*\* Key to Toxicological Endpoints

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

Note:      Exposure factors used to calculate contaminant intake

exposure frequency (days/year)	350
exposure duration (years)	14
inhalation rate (L/kg-day)	261
inhalation absorption factor	1
averaging time (years)	70
fraction of time at home	0.73
age sensitivity factor (ages 16 to 30 years old)	1

**Total Risk for All Age Bins (per million)      0.04**

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

	Source (a)	Mass GLC		Weight Fraction (d)	Contaminant (e)	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**														
		(ug/m <sup>3</sup> ) (b)	(mg/m <sup>3</sup> ) (c)			URF	CPF	DOSE	RISK	REL	RfD	RESP	CNS/PNS	CV/BL	IMMUN	KIDN	GI/LV	REPRO	EYES					
						(ug/m <sup>3</sup> ) <sup>-1</sup> (f)	(mg/kg/day) <sup>-1</sup> (g)	(mg/kg-day) (h)	(i)	(ug/m <sup>3</sup> ) (j)	(mg/kg/day) (k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)					
1	Diesel Particulates	1.83E-03	1.83E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.9E-07	1.1E-07	5.0E+00	1.4E-03	3.7E-04												
TOTAL									1.1E-07			3.7E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00		
									0.11															

\*\* Key to Toxicological Endpoints

Note: Exposure factors used to calculate contaminant intake

RESP	Respiratory System	exposure frequency (days/year)	250
CNS/PNS	Central/Peripheral Nervous System	exposure duration (years)	25
CV/BL	Cardiovascular/Blood System	inhalation rate (L/kg-day)	230
IMMUN	Immune System	inhalation absorption factor	1
KIDN	Kidney	averaging time (years)	70
GI/LV	Gastrointestinal System/Liver		
REPRO	Reproductive System (e.g. teratogenic and developmental effects)		
EYES	Eye irritation and/or other effects		



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