



Appendix B2

Health Risk Assessment



534 Struck Avenue
MOBILE SOURCE HEALTH RISK ASSESSMENT
CITY OF ORANGE

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LIST OF ABBREVIATED TERMS

| | |
|------------------|--|
| (1) | Reference |
| µg | Microgram |
| AERMOD | American Meteorological Society/Environmental Protection Agency Regulatory Model |
| APS | Auxiliary Power System |
| AQMD | Air Quality Management District |
| ARB | Air Resources Board |
| CEQA | California Environmental Quality Act |
| CPF | Cancer Potency Factor |
| DPM | Diesel Particulate Matter |
| EMFAC | Emission Factor Model |
| EPA | Environmental Protection Agency |
| HHD | Heavy Heavy-Duty |
| HI | Hazard Index |
| HRA | Health Risk Assessment |
| LHD | Light Heavy-Duty |
| MATES | Multiple Air Toxics Exposure Study |
| MEIR | Maximally Exposed Individual Receptor |
| MEIW | Maximally Exposed Individual Worker |
| MHD | Medium Heavy-Duty |
| NAD | North American Datum |
| OEHHA | Office of Environmental Health Hazard Assessment |
| PM ₁₀ | Particulate Matter 10 microns in diameter or less |
| Project | 534 Struck Avenue |
| 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 R4 which is located approximately 126 feet northeast the Project site at an existing residence located at 1120 North Lemon Street. Since there are no private outdoor living areas facing the Project site, R4 is placed at the building façade. At the maximally exposed individual receptor (MEIR), the maximum incremental cancer risk attributable to Project construction-source DPM emissions is estimated at 2.36 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.

The HUB OC:

The HUB OC, represented by Location R3, is located approximately 31 feet north of the Project site. The facility provides food, showers, restrooms, and laundry facilities for the homeless community during the daytime hours. As such, the facility would not be considered as a sensitive receptor. At this location, the maximum incremental cancer risk attributable to Project construction-source DPM emissions is estimated at 0.09 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.

OPERATIONAL IMPACTS

Residential Exposure Scenario:

The residential land use with the greatest potential exposure to Project operational-source DPM emissions is Location R4 which is located approximately 126 feet northeast of the Project site at an existing residence located at 1120 North Lemon Street. Since there are no private outdoor living areas facing the Project site, R4 is placed at the building façade. At the MEIR, the maximum incremental cancer risk attributable to Project operational-source DPM emissions is estimated at 0.62 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 than the MEIR analyzed herein, and DPM 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 Scenario¹:

The worker receptor land use with the greatest potential exposure to Project operational-source DPM emissions is Location R6, which represents the potential worker receptor approximately 22 feet west of the Project site. At the maximally exposed individual worker (MEIW), the maximum incremental cancer risk impact is 0.16 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 Yorba Middle School, which is located approximately 4,060 feet west of the Project site. Because there is no reasonable potential that TAC emissions would cause significant health impacts at distances of more than ¼

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.

mile from the air pollution source, there would be no significant impacts that would occur to any schools in the vicinity of the Project.

The HUB OC:

The HUB OC, represented by Location R3, is located approximately 31 feet north of the Project site. The facility provides food, showers, restrooms, and laundry facilities for the homeless community during the daytime hours. As such, the facility would not be considered as a sensitive receptor. At this location, the maximum incremental cancer risk attributable to Project construction-source DPM emissions is estimated at 0.11 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.

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 R4. At this location, the maximum incremental cancer risk attributable to Project construction and operational DPM source emissions is estimated at 2.66 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 |
|--------------------|------------------------------------|---|---|--------------------------------|
| 1.34 Year Exposure | Maximum Exposed Sensitive Receptor | 2.36 | 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 | 0.62 | 10 | NO |
| 25 Year Exposure | Maximum Exposed Worker Receptor | 0.16 | 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 |

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 | 2.66 | 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.

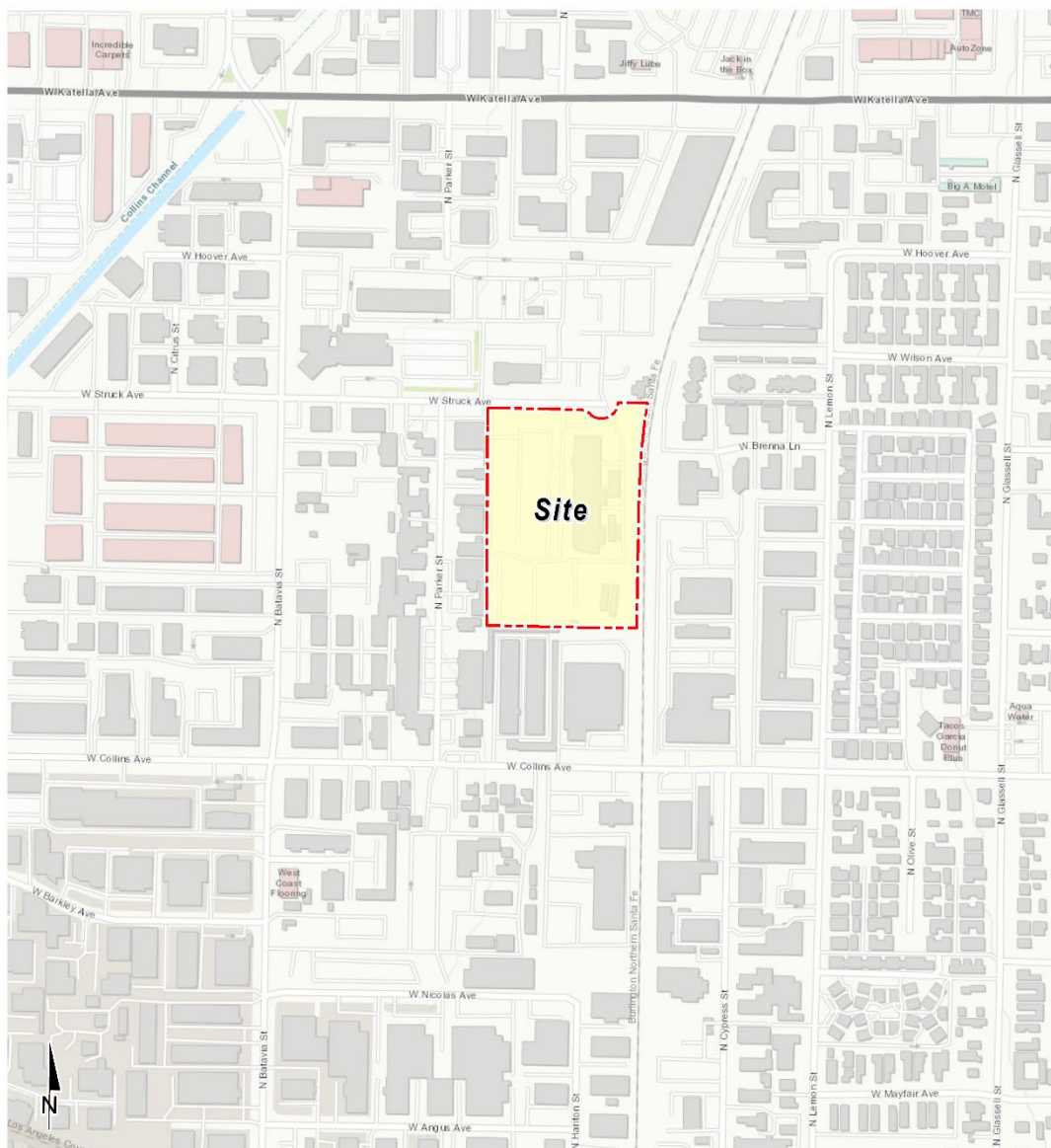
1.1 SITE LOCATION

The proposed 534 Struck Avenue Project is located south of Struck Avenue and east of Batavia Street in the City of Orange, as shown on Exhibit 1-A. Existing uses that surround the Project site includes mostly manufacturing industrial land uses to the west and east, with public-institutional uses to the north and the nearest multi-family residential land uses located northeast of the Project site.

1.2 PROJECT DESCRIPTION

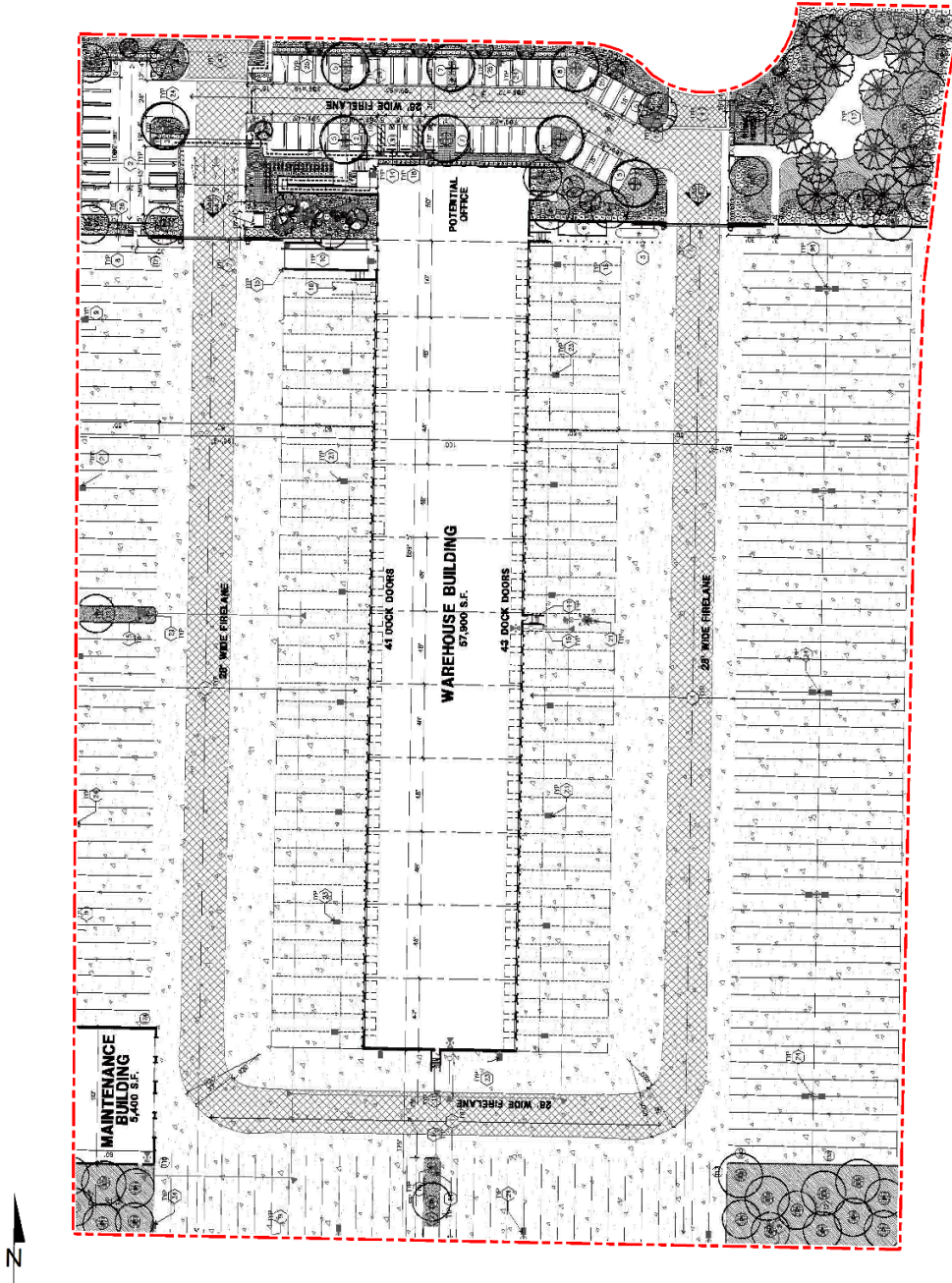
It is our understanding that the Project is proposing to redevelop the site with a 57,900-square foot (sf), 45-foot-tall truck terminal, including 52,900-sf of warehouse space and 5,000-sf of office uses. The site also includes a 5,400-sf maintenance building. The Project would construct 62 passenger car parking stalls (including 3 accessible parking spaces) and 188 trailer parking stalls (for a total of 250 parking stalls) on-site. The building is proposed to include 84 dock doors (cross-dock configuration), as shown on Exhibit 1-B. The Project is anticipated to be constructed in one phase by year 2024.

EXHIBIT 1-A: LOCATION MAP



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS

EXHIBIT 1-B: SITE PLAN



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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 95th percentile URF represents a very conservative (health-protective) risk posed by DPM because it represents breathing rates that are high for the human body.
- The emissions derived assume that every truck accessing the Project site will idle for 15 minutes under the unmitigated scenario, and this is an overestimation of actual idling times and thus conservative.² The California Air Resources Board (CARB's) anti-idling requirements impose a 5-minute maximum idling time and therefore the analysis conservatively overestimates DPM emissions from idling by a factor of 3.

2.2 CONSTRUCTION HEALTH RISK ASSESSMENT

2.2.1 EMISSIONS CALCULATIONS

The emissions calculations for the construction HRA component are based on an assumed mix of construction equipment and hauling activity as presented in the *534 Struck Avenue Air Quality Impact Analysis* ("technical study") prepared by Urban Crossroads, Inc. (4). As noted in Mitigation Measure (MM) AQ-1 in the technical study, the Construction Contractor shall ensure that during construction activities, off-road diesel construction equipment complies with EPA/CARB Tier 4 off-road emissions standards or equivalent and shall ensure that all construction equipment is tuned and maintained in accordance with the manufacturer's specifications.

Construction related DPM emissions are expected to occur primarily as a function of heavy-duty construction equipment that would be operating on-site.

As discussed in the technical study, the Project would result in approximately 350 total working-days of construction activity. The construction duration by phase is shown on Table 2-1. A detailed summary of construction equipment assumptions by phase is provided at Table 2-2. The CalEEMod emissions outputs are presented in Appendix 2.1. The modeled emission sources for construction activity are illustrated on Exhibit 2-A.

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

TABLE 2-1: CONSTRUCTION DURATION

| Construction Activity | Start Date | End Date | Working Days |
|-----------------------|------------|------------|--------------|
| Demolition | 07/04/2023 | 11/06/2023 | 90 |
| Site Preparation | 11/07/2023 | 11/13/2023 | 5 |
| Grading | 11/14/2023 | 12/18/2023 | 25 |
| Building Construction | 12/19/2023 | 11/04/2024 | 230 |
| Paving | 08/13/2024 | 11/04/2024 | 60 |
| Architectural Coating | 09/24/2024 | 11/04/2024 | 30 |

TABLE 2-2: CONSTRUCTION EQUIPMENT ASSUMPTIONS

| Construction Activity | Equipment | Amount | Hours Per Day |
|-----------------------|---------------------------|--------|---------------|
| Demolition | Concrete/Industrial Saws | 1 | 8 |
| | Excavators | 3 | 8 |
| | Rubber Tired Dozers | 2 | 8 |
| Site Preparation | Rubber Tired Dozers | 3 | 8 |
| | Tractors/Loaders/Backhoes | 4 | 8 |
| Grading | Excavators | 1 | 8 |
| | Graders | 1 | 8 |
| | Rubber Tired Dozers | 1 | 8 |
| | Tractors/Loaders/Backhoes | 5 | 8 |
| Building Construction | Cranes | 1 | 8 |
| | Forklifts | 3 | 8 |
| | Generator Sets | 1 | 8 |
| | Tractors/Loaders/Backhoes | 3 | 8 |
| | Welders | 1 | 8 |
| Paving | Pavers | 2 | 8 |
| | Paving Equipment | 2 | 8 |
| | Rollers | 2 | 8 |
| Architectural Coating | Air Compressors | 1 | 8 |

EXHIBIT 2-A: MODELED CONSTRUCTION EMISSION SOURCES



2.3 OPERATIONAL HEALTH RISK ASSESSMENT

2.3.1 ON-SITE AND OFF-SITE TRUCK ACTIVITY

Vehicle DPM emissions were calculated using emission factors for particulate matter less than 10 μ m in diameter (PM₁₀) generated with the 2021 version of the Emission FACTor model (EMFAC) developed by the CARB. EMFAC 2021 is a mathematical model that CARB developed to calculate emission rates from motor vehicles that operate on highways, freeways, and local roads in California and is commonly used by the ARB to project changes in future emissions from on-road mobile sources (5). The most recent version of this model, EMFAC 2021, incorporates regional motor vehicle data, information and estimates regarding the distribution of vehicle miles traveled (VMT) by speed, and number of starts per day.

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

For this Project, annual average PM₁₀ emission factors were generated by running EMFAC 2021 in EMFAC Mode for vehicles in the Orange 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 46.0% diesel, Medium-Heavy-Duty Trucks are comprised of 78.7% diesel, and Heavy-Heavy-Duty Trucks are comprised of 89.3% diesel. Trucks fueled by diesel are accounted for by these percentages accordingly in the emissions factor generation. Appendix 2.2 includes additional details on the emissions estimates from EMFAC.

The vehicle DPM exhaust emissions were calculated for running exhaust emissions. The running exhaust emissions were calculated by applying the running exhaust PM₁₀ emission factor (g/VMT) from EMFAC over the total distance traveled. The following equation was used to estimate off-site emissions for each of the different vehicle classes comprising the mobile sources (6):

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

Where:

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

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

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

Similar to off-site traffic, on-site vehicle running emissions were calculated by applying the running exhaust PM₁₀ emission factor (g/VMT) from EMFAC and the total vehicle trip number over the length of the driving path using the same formula presented above for on-site emissions. In addition, on-site vehicle idling exhaust emissions were calculated by applying the idle exhaust PM₁₀ emission factor (g/idle-hr) from EMFAC and the total truck trip over the total assumed idle time (15 minutes). The following equation was used to estimate the on-site vehicle idling emissions for each of the different vehicle classes (6):

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

Where:

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

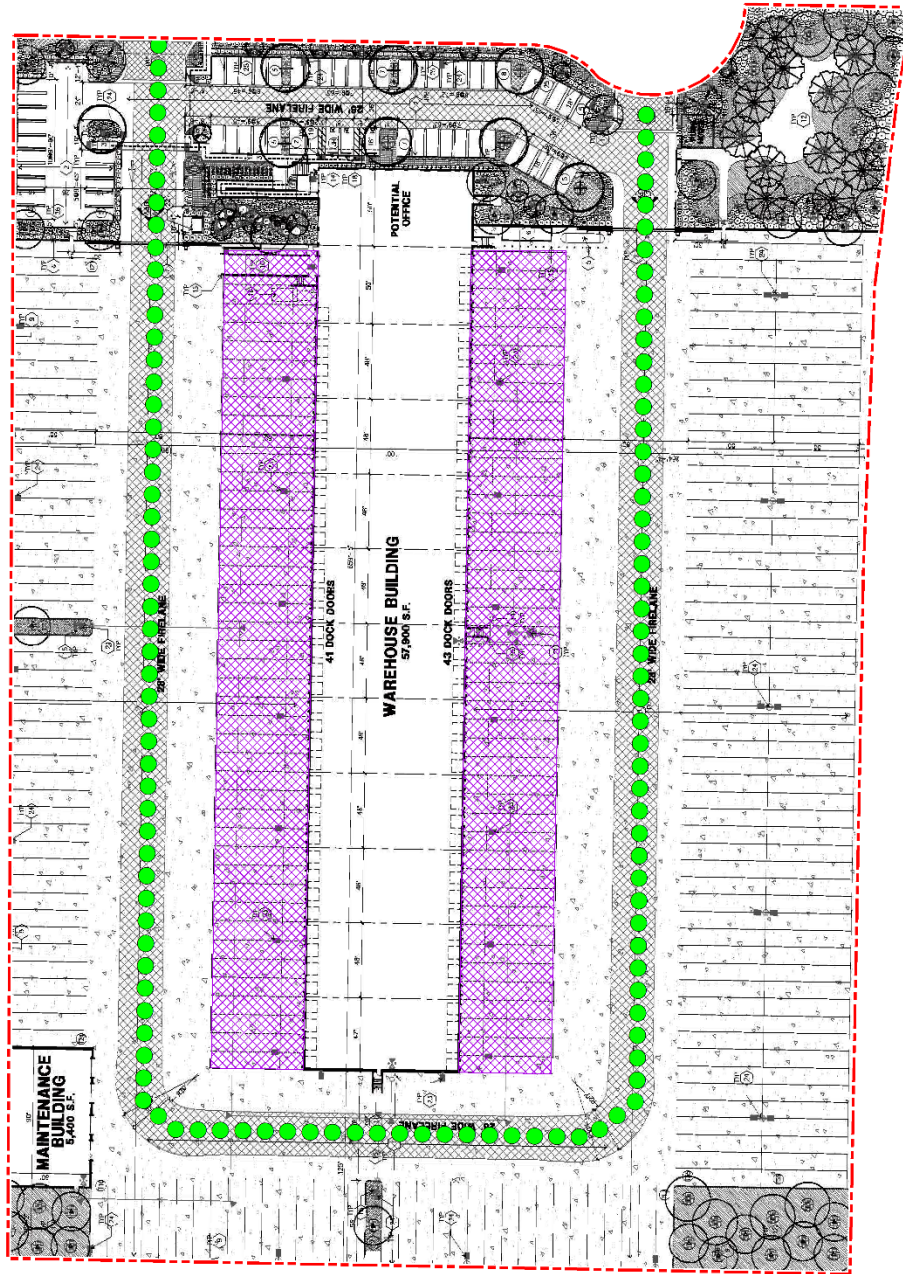
EF_{idle} (g/s): EMFAC idle exhaust PM₁₀ emission factor.

TABLE 2-3: 2024 WEIGHTED AVERAGE DPM EMISSIONS FACTORS

| Speed | Weighted Average |
|------------|---------------------|
| 0 (idling) | 0.06533 (g/idle-hr) |
| 5 | 0.01871 (g/s) |
| 25 | 0.00765 (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



LEGEND:

- Loading Dock Activity
- Truck Movements

EXHIBIT 2-C: MODELED OFF-SITE EMISSION SOURCES

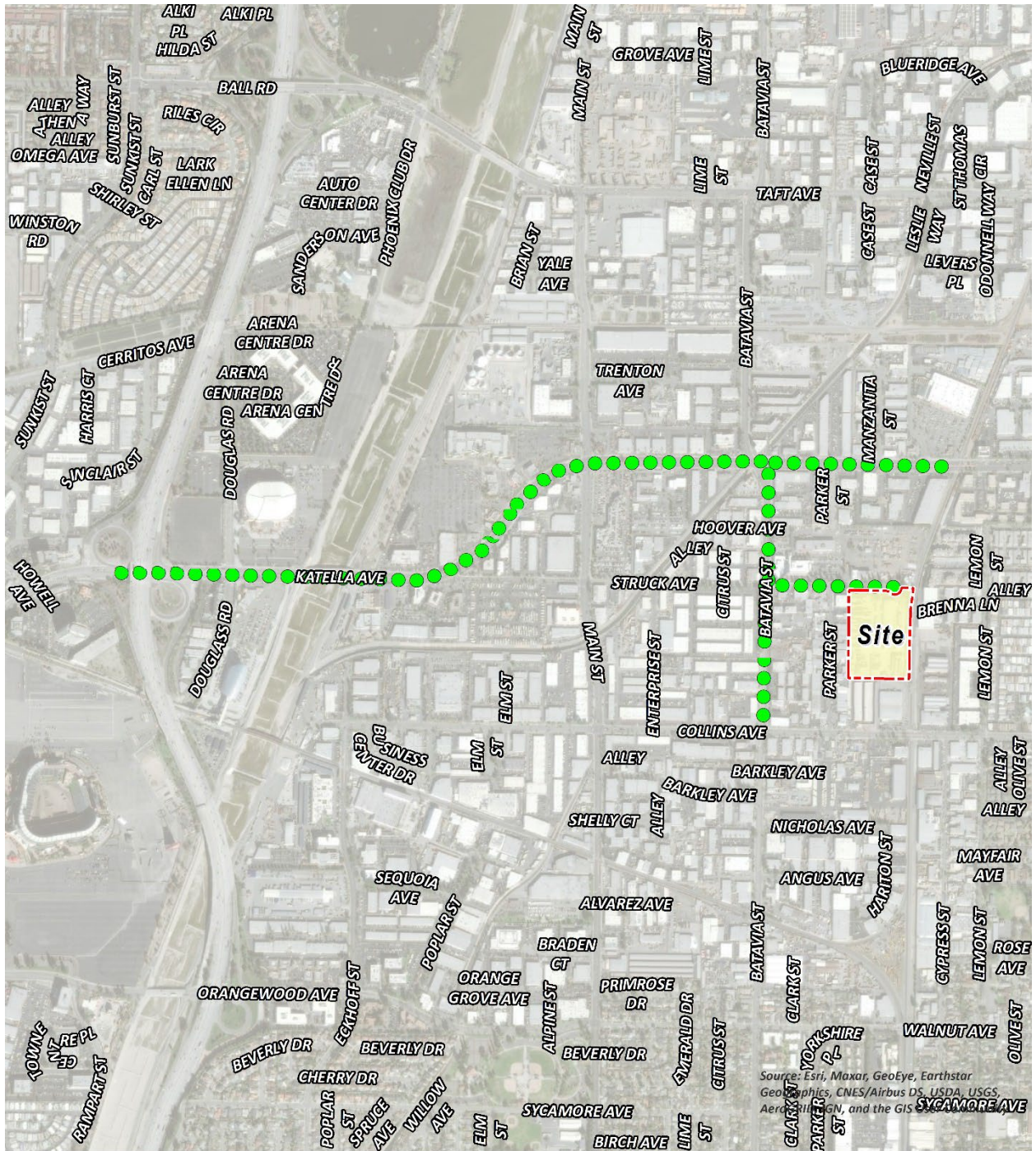


TABLE 2-4: DPM EMISSIONS FROM PROJECT TRUCKS (2024 ANALYSIS YEAR)

| Truck Emission Rates | | | | | | |
|---|----------------|---------------------------------|--|---|---|--------------------------------------|
| Source | Trucks Per Day | VMT ^a (miles/day) | Truck Emission Rate ^b (grams/mile) | Truck Emission Rate ^b (grams/idle-hour) | Daily Truck Emissions ^c (grams/day) | Modeled Emission Rates (g/second) |
| On-Site Idling - West | 44 | | | 0.0653 | 0.72 | 8.316E-06 |
| On-Site Idling - East | 44 | | | 0.0653 | 0.72 | 8.316E-06 |
| On-Site Travel | 176 | 56.03 | 0.0187 | | 1.05 | 1.213E-05 |
| Off-Site Travel - Struck Avenue 100% Inbound/Outbound | 176 | 36.94 | 0.0077 | | 0.28 | 3.272E-06 |
| Off-Site Travel - Batavia Street South 5% Inbound/Outbound | 9 | 2.03 | 0.0077 | | 0.02 | 1.800E-07 |
| Off-Site Travel - Batavia Street 95% Inbound/Outbound | 167 | 27.44 | 0.0077 | | 0.21 | 2.430E-06 |
| Off-Site Travel - Batavia Street North 5% Inbound/Outbound | 9 | 2.35 | 0.0077 | | 0.02 | 2.079E-07 |
| Off-Site Travel - Katella Avenue 25% Inbound/Outbound | 44 | 15.98 | 0.0077 | | 0.12 | 1.415E-06 |
| Off-Site Travel - Katella Avenue 65% Inbound/Outbound | 114 | 141.86 | 0.0077 | | 1.09 | 1.257E-05 |
| <p>^a Vehicle miles traveled are for modeled truck route only.</p> <p>^b Emission rates determined using EMFAC 2021. Idle emission rates are expressed in grams per idle hour rather than grams per mile.</p> <p>^c This column includes the total truck travel and truck idle emissions. For idle emissions this column includes emissions based on the assumption that each truck idles for 15 minutes.</p> | | | | | | |

On-site truck idling was estimated to occur as trucks enter and travel through the Project site. Although the Project's diesel-fueled truck and equipment operators will be required by State law to comply with CARB's idling limit of 5 minutes, staff at SCAQMD recommends that the on-site idling emissions be calculated assuming 15 minutes of truck idling (7), which would take into account on-site idling which occurs while the trucks are waiting to pull up to the truck bays, idling at the bays, idling at check-in and check-out, etc. As such, this analysis calculates truck idling at 15 minutes, consistent with SCAQMD's recommendation.

The Project is expected to generate a total of approximately 396 vehicular trip-ends (actual vehicles) per day (198 vehicles inbound + 198 vehicles outbound) which includes 220 two-way passenger car trip-ends (110 passenger cars inbound + 110 passenger cars outbound) and 176 two-way truck trip-ends per day (88 trucks inbound + 88 trucks outbound) (8).

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). SCAQMD recommends using the Environmental Protection Agency's (U.S. EPA's) AERMOD model. For purposes of this analysis, the Lakes AERMOD View (Version 11.0.0) was used to calculate annual average particulate concentrations associated with site operations. Lakes AERMOD View was utilized to incorporate the U.S. EPA's latest AERMOD Version 22112 (9).

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

SCAQMD-recommended model parameters are presented in Table 2-5 (10). The model requires additional input parameters including emission data and local meteorology. Meteorological data from the SCAQMD's John Wayne International Airport monitoring station was used to represent local weather conditions and prevailing winds (10).

TABLE 2-5: AERMOD MODEL PARAMETERS

| | |
|--------------------------------------|---|
| Dispersion Coefficient (Urban/Rural) | Urban (Population 3,010,232) |
| 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 (11). United States Geological Survey (USGS) Digital Elevation Model (DEM) terrain data based on a 7.5-minute topographic quadrangle map series using AERMAP was utilized in the HRA modeling to set elevations (12).

Discrete variants for daily breathing rates, exposure frequency, and exposure duration were obtained from relevant distribution profiles presented in the 2015 OEHHA Guidelines. Tables 2-6 through 2-8 summarize the Exposure Parameters for Residents and Workers based on 2015 OEHHA Guidelines. Appendix 2.4 includes the detailed risk calculation.

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

| Age | Daily Breathing Rate (L/kg-day) | Age Specific Factor | Exposure Duration (years) | Fraction of Time at Home | Exposure Frequency (days/year) | Exposure Time (hours/day) |
|--------|---------------------------------|---------------------|---------------------------|--------------------------|--------------------------------|---------------------------|
| 0 to 2 | 1,090 | 10 | 1.65 | 1.0 | 260 | 8 |

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

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

| 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) |
|----------|---------------------------------|---------------------|---------------------------|--------------------------|--------------------------------|---------------------------|
| 2 to 16 | 572 | 3 | 14 | 0.72 | 350 | 24 |
| 16 to 30 | 261 | 1 | 14 | 0.73 | 350 | 24 |

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

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

2.5 CARCINOGENIC CHEMICAL RISK

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)⁻¹ to derive the cancer risk estimate. Therefore, to assess exposures, the following dose algorithm was utilized.

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

Where:

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

| | | |
|---|---|--|
| C_{air} | = | concentration of contaminant in air ($\mu\text{g}/\text{m}^3$) |
| $\frac{[BR/BW]}{BW\text{-day}}$ | = | daily breathing rate normalized to body weight (L/kg BW-day) |
| A | = | inhalation absorption factor |
| EF | = | exposure frequency (days/365 days) |
| BW | = | body weight (kg) |
| 1×10^{-6} | = | conversion factors (μg to mg, L to m^3) |
| $RISK_{air} = DOSE_{air} \times CPF \times ED/AT$ | | |

Where:

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

2.6 NON-CARCINOGENIC EXPOSURES

An evaluation of the potential noncarcinogenic effects of chronic exposures was also conducted. Adverse health effects are evaluated by comparing a compound's annual concentration with its toxicity factor or Reference Exposure Level (REL). The REL for diesel particulates was obtained from OEHHA for this analysis. The chronic reference exposure level (REL) for DPM was established by OEHHA as $5 \mu\text{g}/\text{m}^3$ (13).

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

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

CONSTRUCTION IMPACTS

Residential Exposure Scenario:

The land use with the greatest potential exposure to Project construction-source DPM emissions is Location R4 which is located approximately 126 feet northeast the Project site at an existing residence located at 1120 North Lemon Street. Since there are no private outdoor living areas facing the Project site, R4 is placed at the building façade. At the MEIR, the maximum incremental cancer risk attributable to Project construction-source DPM emissions is estimated at 2.36 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.

The HUB OC:

The HUB OC, represented by Location R3, is located approximately 31 feet north of the Project site. The facility provides food, showers, restrooms, and laundry facilities for the homeless community during the daytime hours. As such, the facility would not be considered as a sensitive receptor. At this location, the maximum incremental cancer risk attributable to Project construction-source DPM emissions is estimated at 0.09 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.

OPERATIONAL IMPACTS

Residential Exposure Scenario:

The residential land use with the greatest potential exposure to Project operational-source DPM emissions is Location R4 which is located approximately 126 feet northeast of the Project site at an existing residence located at 1120 North Lemon Street. Since there are no private outdoor living areas facing the Project site, R4 is placed at the building façade. At the MEIR, the maximum incremental cancer risk attributable to Project operational-source DPM emissions is estimated at 0.62 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 than the MEIR analyzed herein, and DPM 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 Scenario³:

The worker receptor land use with the greatest potential exposure to Project operational-source DPM emissions is Location R6, which represents the potential worker receptor approximately 22 feet west of the Project site. At the MEIW, the maximum incremental cancer risk impact is 0.16 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 Yorba Middle School, which is located approximately 4,060 feet west of the Project site. Because there is no reasonable potential that TAC emissions would cause significant health impacts at distances of more than ¼ mile from the air pollution source, there would be no significant impacts that would occur to any schools in the vicinity of the Project.

The HUB OC:

The HUB OC, represented by Location R3, is located approximately 31 feet north of the Project site. The facility provides food, showers, restrooms, and laundry facilities for the homeless

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.

community during the daytime hours. As such, the facility would not be considered as a sensitive receptor. At this location, the maximum incremental cancer risk attributable to Project construction-source DPM emissions is estimated at 0.11 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.

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 R4. At this location, the maximum incremental cancer risk attributable to Project construction and operational DPM source emissions is estimated at 2.66 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.

It should be noted that the receptors presented in Exhibit 2-D do not represent all modeled receptors.

EXHIBIT 2-D: RECEPTOR LOCATIONS



LEGEND:
● Receptor Locations
— Distance from receptor to Project site boundary (in feet)

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3 REFERENCES

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4 CERTIFICATIONS

The contents of this health risk assessment represent an accurate depiction of the impacts to sensitive receptors associated with the proposed 534 Struck Avenue Project. The information contained in this health risk assessment report is based on the best available data at the time of preparation. If you have any questions, please contact me at (949) 660-1994.

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

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

PROFESSIONAL AFFILIATIONS

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

PROFESSIONAL CERTIFICATIONS

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

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APPENDIX 2.1:
CALEEMOD OUTPUTS

534 Struck Avenue (Construction) Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

| Data Field | Value |
|-----------------------------|---|
| Project Name | 534 Struck Avenue (Construction) |
| Lead Agency | — |
| Land Use Scale | Project/site |
| Analysis Level for Defaults | County |
| Windspeed (m/s) | 1.80 |
| Precipitation (days) | 18.2 |
| Location | 33.804851303573265, -117.85840053374626 |
| County | Orange |
| City | Orange |
| Air District | South Coast AQMD |
| Air Basin | South Coast |
| TAZ | 5705 |
| EDFZ | 7 |
| Electric Utility | Southern California Edison |
| Gas Utility | Southern California Gas |

1.2. Land Use Types

| Land Use Subtype | Size | Unit | Lot Acreage | Building Area (sq ft) | Landscape Area (sq ft) | Special Landscape Area (sq ft) | Population | Description |
|----------------------------------|------|----------|-------------|-----------------------|------------------------|--------------------------------|------------|-------------|
| Unrefrigerated Warehouse-No Rail | 63.3 | 1000sqft | 1.45 | 63,300 | 0.00 | 0.00 | — | — |
| Parking Lot | 250 | Space | 2.61 | 0.00 | 0.00 | 0.00 | — | — |

| | | | | | | | | |
|------------------------|-----|----------|------|------|------|------|---|---|
| Other Asphalt Surfaces | 256 | 1000sqft | 5.88 | 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. | 0.94 | 14.5 | 19.3 | 31.0 | 0.05 | 0.25 | 2.40 | 2.63 | 0.24 | 0.45 | 0.67 | — | 5,890 | 5,890 | 0.34 | 0.39 | 5.65 | 6,020 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | 0.94 | 14.5 | 19.4 | 30.6 | 0.05 | 0.25 | 5.35 | 5.45 | 0.24 | 2.68 | 2.78 | — | 5,881 | 5,881 | 0.34 | 0.39 | 0.15 | 6,005 |
| Average Daily (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | 0.41 | 1.53 | 7.76 | 12.8 | 0.02 | 0.09 | 0.85 | 0.92 | 0.09 | 0.22 | 0.29 | — | 2,242 | 2,242 | 0.11 | 0.12 | 0.78 | 2,258 |
| Annual (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Unmit. | 0.08 | 0.28 | 1.42 | 2.33 | < 0.005 | 0.02 | 0.15 | 0.17 | 0.02 | 0.04 | 0.05 | — | 371 | 371 | 0.02 | 0.02 | 0.13 | 374 |

2.2. Construction Emissions by Year, Unmitigated

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

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

| | | | | | | | | | | | | | | | | | | |
|----------------------|------|------|------|------|---------|------|------|------|------|------|------|---|-------|-------|------|------|------|-------|
| Daily - Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2023 | 0.72 | 0.52 | 14.8 | 20.4 | 0.05 | 0.23 | 2.40 | 2.63 | 0.22 | 0.45 | 0.67 | — | 5,890 | 5,890 | 0.34 | 0.39 | 5.65 | 6,020 |
| 2024 | 0.94 | 14.5 | 19.3 | 31.0 | 0.04 | 0.25 | 0.67 | 0.93 | 0.24 | 0.16 | 0.40 | — | 5,184 | 5,184 | 0.20 | 0.09 | 3.22 | 5,218 |
| Daily - Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2023 | 0.75 | 0.71 | 15.0 | 29.3 | 0.05 | 0.23 | 5.35 | 5.45 | 0.22 | 2.68 | 2.78 | — | 5,881 | 5,881 | 0.34 | 0.39 | 0.15 | 6,005 |
| 2024 | 0.94 | 14.5 | 19.4 | 30.6 | 0.04 | 0.25 | 0.67 | 0.93 | 0.24 | 0.16 | 0.40 | — | 5,153 | 5,153 | 0.20 | 0.09 | 0.08 | 5,185 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2023 | 0.25 | 0.19 | 5.20 | 7.51 | 0.02 | 0.07 | 0.85 | 0.92 | 0.07 | 0.22 | 0.29 | — | 1,990 | 1,990 | 0.11 | 0.12 | 0.78 | 2,029 |
| 2024 | 0.41 | 1.53 | 7.76 | 12.8 | 0.02 | 0.09 | 0.28 | 0.38 | 0.09 | 0.07 | 0.16 | — | 2,242 | 2,242 | 0.09 | 0.04 | 0.62 | 2,258 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| 2023 | 0.05 | 0.04 | 0.95 | 1.37 | < 0.005 | 0.01 | 0.15 | 0.17 | 0.01 | 0.04 | 0.05 | — | 329 | 329 | 0.02 | 0.02 | 0.13 | 336 |
| 2024 | 0.08 | 0.28 | 1.42 | 2.33 | < 0.005 | 0.02 | 0.05 | 0.07 | 0.02 | 0.01 | 0.03 | — | 371 | 371 | 0.01 | 0.01 | 0.10 | 374 |

3. Construction Emissions Details

3.1. Demolition (2023) - Unmitigated

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

| Location | TOG | ROG | NOx | CO | SO2 | PM10E | PM10D | PM10T | PM2.5E | PM2.5D | PM2.5T | BCO2 | NBCO2 | CO2T | CH4 | N2O | R | CO2e |
|---------------------|------|------|------|------|------|-------|-------|-------|--------|--------|--------|------|-------|-------|------|------|---|-------|
| Onsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.41 | 0.41 | 11.9 | 18.2 | 0.03 | 0.20 | — | 0.20 | 0.19 | — | 0.19 | — | 3,425 | 3,425 | 0.14 | 0.03 | — | 3,437 |

| | | | | | | | | | | | | | | | | | | |
|---------------------|------|------|------|------|---------|------|------|------|------|------|------|---|-------|-------|------|---------|------|-------|
| Demolition | — | — | — | — | — | — | 1.64 | 1.64 | — | 0.25 | 0.25 | — | — | — | — | — | — | |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Off-Road Equipment | 0.41 | 0.41 | 11.9 | 18.2 | 0.03 | 0.20 | — | 0.20 | 0.19 | — | 0.19 | — | 3,425 | 3,425 | 0.14 | 0.03 | — | 3,437 |
| Demolition | — | — | — | — | — | — | 1.64 | 1.64 | — | 0.25 | 0.25 | — | — | — | — | — | — | |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Off-Road Equipment | 0.10 | 0.10 | 2.94 | 4.48 | 0.01 | 0.05 | — | 0.05 | 0.05 | — | 0.05 | — | 845 | 845 | 0.03 | 0.01 | — | 847 |
| Demolition | — | — | — | — | — | — | 0.40 | 0.40 | — | 0.06 | 0.06 | — | — | — | — | — | — | |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Off-Road Equipment | 0.02 | 0.02 | 0.54 | 0.82 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 140 | 140 | 0.01 | < 0.005 | — | 140 |
| Demolition | — | — | — | — | — | — | 0.07 | 0.07 | — | 0.01 | 0.01 | — | — | — | — | — | — | |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Worker | 0.07 | 0.06 | 0.06 | 0.98 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | — | 207 | 207 | 0.01 | 0.01 | 0.92 | 211 |

| | | | | | | | | | | | | | | | | | | |
|---------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---|-------|-------|---------|---------|---------|-------|
| Vendor | 0.01 | < 0.005 | 0.11 | 0.05 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 98.4 | 98.4 | 0.01 | 0.01 | 0.26 | 103 |
| Hauling | 0.23 | 0.04 | 2.75 | 1.19 | 0.01 | 0.03 | 0.15 | 0.17 | 0.03 | 0.05 | 0.08 | — | 2,159 | 2,159 | 0.18 | 0.34 | 4.46 | 2,270 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.06 | 0.06 | 0.07 | 0.84 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | — | 197 | 197 | 0.01 | 0.01 | 0.02 | 200 |
| Vendor | 0.01 | < 0.005 | 0.11 | 0.06 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 98.4 | 98.4 | 0.01 | 0.01 | 0.01 | 103 |
| Hauling | 0.23 | 0.04 | 2.84 | 1.20 | 0.01 | 0.03 | 0.15 | 0.17 | 0.03 | 0.05 | 0.08 | — | 2,160 | 2,160 | 0.18 | 0.34 | 0.12 | 2,266 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.02 | 0.01 | 0.02 | 0.22 | 0.00 | 0.00 | < 0.005 | < 0.005 | 0.00 | 0.00 | 0.00 | — | 49.3 | 49.3 | < 0.005 | < 0.005 | 0.10 | 50.0 |
| Vendor | < 0.005 | < 0.005 | 0.03 | 0.01 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 24.3 | 24.3 | < 0.005 | < 0.005 | 0.03 | 25.3 |
| Hauling | 0.06 | 0.01 | 0.71 | 0.29 | < 0.005 | 0.01 | 0.04 | 0.04 | 0.01 | 0.01 | 0.02 | — | 533 | 533 | 0.05 | 0.08 | 0.48 | 559 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | < 0.005 | < 0.005 | < 0.005 | 0.04 | 0.00 | 0.00 | < 0.005 | < 0.005 | 0.00 | 0.00 | 0.00 | — | 8.17 | 8.17 | < 0.005 | < 0.005 | 0.02 | 8.28 |
| Vendor | < 0.005 | < 0.005 | 0.01 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 4.02 | 4.02 | < 0.005 | < 0.005 | < 0.005 | 4.19 |
| Hauling | 0.01 | < 0.005 | 0.13 | 0.05 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 88.2 | 88.2 | 0.01 | 0.01 | 0.08 | 92.6 |

3.3. 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) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.64 | 0.64 | 14.7 | 28.3 | 0.05 | 0.10 | — | 0.10 | 0.10 | — | 0.10 | — | 5,295 | 5,295 | 0.21 | 0.04 | — | 5,314 |

| | | | | | | | | | | | | | | | | | | |
|------------------------------|---------|---------|------|------|---------|---------|---------|---------|---------|---------|---------|---|------|------|---------|---------|---------|------|
| Dust From Material Movement: | — | — | — | — | — | — | 5.11 | 5.11 | — | 2.63 | 2.63 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.01 | 0.01 | 0.20 | 0.39 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 72.5 | 72.5 | < 0.005 | < 0.005 | — | 72.8 |
| Dust From Material Movement: | — | — | — | — | — | — | 0.07 | 0.07 | — | 0.04 | 0.04 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | < 0.005 | < 0.005 | 0.04 | 0.07 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 12.0 | 12.0 | < 0.005 | < 0.005 | — | 12.1 |
| Dust From Material Movement: | — | — | — | — | — | — | 0.01 | 0.01 | — | 0.01 | 0.01 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.08 | 0.07 | 0.09 | 1.01 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | — | 237 | 237 | 0.01 | 0.01 | 0.03 | 240 |
| Vendor | < 0.005 | < 0.005 | 0.04 | 0.02 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 32.8 | 32.8 | < 0.005 | < 0.005 | < 0.005 | 34.2 |
| 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 |

| | | | | | | | | | | | | | | | | | | |
|---------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---|------|------|---------|---------|---------|------|
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | < 0.005 | < 0.005 | < 0.005 | 0.01 | 0.00 | 0.00 | < 0.005 | < 0.005 | 0.00 | 0.00 | 0.00 | — | 3.29 | 3.29 | < 0.005 | < 0.005 | 0.01 | 3.33 |
| Vendor | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 0.45 | 0.45 | < 0.005 | < 0.005 | < 0.005 | 0.47 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | < 0.005 | < 0.005 | < 0.005 | < 0.005 | 0.00 | 0.00 | < 0.005 | < 0.005 | 0.00 | 0.00 | 0.00 | — | 0.54 | 0.54 | < 0.005 | < 0.005 | < 0.005 | 0.55 |
| Vendor | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 0.07 | 0.07 | < 0.005 | < 0.005 | < 0.005 | 0.08 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

3.5. Grading (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) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.48 | 0.48 | 12.6 | 21.8 | 0.03 | 0.10 | — | 0.10 | 0.09 | — | 0.09 | — | 3,539 | 3,539 | 0.14 | 0.03 | — | 3,551 |
| Dust From Material Movement | — | — | — | — | — | — | 1.84 | 1.84 | — | 0.89 | 0.89 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.03 | 0.03 | 0.87 | 1.49 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 242 | 242 | 0.01 | < 0.005 | — | 243 |

| | | | | | | | | | | | | | | | | | | |
|------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---|-------|-------|---------|---------|---------|-------|
| Dust From Material Movement: | — | — | — | — | — | — | 0.13 | 0.13 | — | 0.06 | 0.06 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.01 | 0.01 | 0.16 | 0.27 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 40.1 | 40.1 | < 0.005 | < 0.005 | — | 40.3 |
| Dust From Material Movement: | — | — | — | — | — | — | 0.02 | 0.02 | — | 0.01 | 0.01 | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.09 | 0.08 | 0.10 | 1.12 | 0.00 | 0.00 | 0.02 | 0.02 | 0.00 | 0.00 | 0.00 | — | 263 | 263 | 0.01 | 0.01 | 0.03 | 266 |
| Vendor | < 0.005 | < 0.005 | 0.04 | 0.02 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 32.8 | 32.8 | < 0.005 | < 0.005 | < 0.005 | 34.2 |
| Hauling | 0.18 | 0.03 | 2.28 | 0.96 | 0.01 | 0.02 | 0.12 | 0.14 | 0.02 | 0.04 | 0.06 | — | 1,728 | 1,728 | 0.15 | 0.27 | 0.09 | 1,813 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.01 | 0.01 | 0.01 | 0.08 | 0.00 | 0.00 | < 0.005 | < 0.005 | 0.00 | 0.00 | 0.00 | — | 18.3 | 18.3 | < 0.005 | < 0.005 | 0.04 | 18.5 |
| Vendor | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 2.25 | 2.25 | < 0.005 | < 0.005 | < 0.005 | 2.34 |
| Hauling | 0.01 | < 0.005 | 0.16 | 0.07 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 118 | 118 | 0.01 | 0.02 | 0.11 | 124 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | < 0.005 | < 0.005 | < 0.005 | 0.01 | 0.00 | 0.00 | < 0.005 | < 0.005 | 0.00 | 0.00 | 0.00 | — | 3.02 | 3.02 | < 0.005 | < 0.005 | 0.01 | 3.07 |
| Vendor | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 0.37 | 0.37 | < 0.005 | < 0.005 | < 0.005 | 0.39 |

| | | | | | | | | | | | | | | | | | | |
|---------|---------|---------|------|------|---------|---------|---------|---------|---------|---------|---------|---|------|------|---------|---------|------|------|
| Hauling | < 0.005 | < 0.005 | 0.03 | 0.01 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 19.6 | 19.6 | < 0.005 | < 0.005 | 0.02 | 20.6 |
|---------|---------|---------|------|------|---------|---------|---------|---------|---------|---------|---------|---|------|------|---------|---------|------|------|

3.7. 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) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.47 | 0.45 | 10.3 | 16.2 | 0.03 | 0.13 | — | 0.13 | 0.12 | — | 0.12 | — | 2,630 | 2,630 | 0.11 | 0.02 | — | 2,639 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.01 | 0.01 | 0.26 | 0.41 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 66.9 | 66.9 | < 0.005 | < 0.005 | — | 67.1 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | < 0.005 | < 0.005 | 0.05 | 0.08 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 11.1 | 11.1 | < 0.005 | < 0.005 | — | 11.1 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---|------|------|---------|---------|---------|------|
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.12 | 0.10 | 0.13 | 1.52 | 0.00 | 0.00 | 0.02 | 0.02 | 0.00 | 0.00 | 0.00 | — | 355 | 355 | 0.02 | 0.01 | 0.04 | 360 |
| Vendor | 0.02 | 0.01 | 0.26 | 0.13 | < 0.005 | < 0.005 | 0.01 | 0.02 | < 0.005 | < 0.005 | 0.01 | — | 230 | 230 | 0.01 | 0.03 | 0.02 | 239 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | < 0.005 | < 0.005 | < 0.005 | 0.04 | 0.00 | 0.00 | < 0.005 | < 0.005 | 0.00 | 0.00 | 0.00 | — | 9.16 | 9.16 | < 0.005 | < 0.005 | 0.02 | 9.29 |
| Vendor | < 0.005 | < 0.005 | 0.01 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 5.84 | 5.84 | < 0.005 | < 0.005 | 0.01 | 6.09 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | < 0.005 | < 0.005 | < 0.005 | 0.01 | 0.00 | 0.00 | < 0.005 | < 0.005 | 0.00 | 0.00 | 0.00 | — | 1.52 | 1.52 | < 0.005 | < 0.005 | < 0.005 | 1.54 |
| Vendor | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 0.97 | 0.97 | < 0.005 | < 0.005 | < 0.005 | 1.01 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

3.9. Building Construction (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 | 0.47 | 0.45 | 10.3 | 16.2 | 0.03 | 0.12 | — | 0.12 | 0.12 | — | 0.12 | — | 2,630 | 2,630 | 0.11 | 0.02 | — | 2,639 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | |
|---------------------|------|---------|------|------|---------|---------|------|------|---------|---------|---------|---|-------|-------|---------|---------|------|-------|
| Off-Road Equipment | 0.47 | 0.45 | 10.3 | 16.2 | 0.03 | 0.12 | — | 0.12 | 0.12 | — | 0.12 | — | 2,630 | 2,630 | 0.11 | 0.02 | — | 2,639 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 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 | 0.28 | 0.27 | 6.22 | 9.80 | 0.02 | 0.08 | — | 0.08 | 0.07 | — | 0.07 | — | 1,591 | 1,591 | 0.06 | 0.01 | — | 1,596 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.05 | 0.05 | 1.13 | 1.79 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 263 | 263 | 0.01 | < 0.005 | — | 264 |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 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 | 0.11 | 1.62 | 0.00 | 0.00 | 0.02 | 0.02 | 0.00 | 0.00 | 0.00 | — | 366 | 366 | < 0.005 | 0.01 | 1.50 | 371 |
| Vendor | 0.02 | 0.01 | 0.24 | 0.12 | < 0.005 | < 0.005 | 0.01 | 0.02 | < 0.005 | < 0.005 | 0.01 | — | 227 | 227 | 0.01 | 0.03 | 0.61 | 237 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.11 | 0.10 | 0.12 | 1.40 | 0.00 | 0.00 | 0.02 | 0.02 | 0.00 | 0.00 | 0.00 | — | 348 | 348 | 0.01 | 0.01 | 0.04 | 352 |
| Vendor | 0.02 | 0.01 | 0.25 | 0.12 | < 0.005 | < 0.005 | 0.01 | 0.02 | < 0.005 | < 0.005 | 0.01 | — | 227 | 227 | 0.01 | 0.03 | 0.02 | 236 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.07 | 0.06 | 0.07 | 0.89 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | — | 213 | 213 | < 0.005 | 0.01 | 0.39 | 216 |
| Vendor | 0.01 | < 0.005 | 0.15 | 0.07 | < 0.005 | < 0.005 | 0.01 | 0.01 | < 0.005 | < 0.005 | < 0.005 | — | 137 | 137 | 0.01 | 0.02 | 0.16 | 143 |

| | | | | | | | | | | | | | | | | | | | |
|---------|---------|---------|------|------|---------|---------|---------|---------|---------|---------|---------|------|------|------|---------|---------|------|------|------|
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.01 | 0.01 | 0.01 | 0.16 | 0.00 | 0.00 | < 0.005 | < 0.005 | 0.00 | 0.00 | 0.00 | — | 35.3 | 35.3 | < 0.005 | < 0.005 | 0.06 | 35.8 | |
| Vendor | < 0.005 | < 0.005 | 0.03 | 0.01 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | < 0.005 | — | 22.7 | 22.7 | < 0.005 | < 0.005 | 0.03 | 23.7 | |
| 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 | |

3.11. 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 | 0.23 | 0.23 | 7.21 | 10.6 | 0.01 | 0.09 | — | 0.09 | 0.08 | — | 0.08 | — | 1,512 | 1,512 | 0.06 | 0.01 | — | 1,517 |
| Paving | — | 0.37 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.23 | 0.23 | 7.21 | 10.6 | 0.01 | 0.09 | — | 0.09 | 0.08 | — | 0.08 | — | 1,512 | 1,512 | 0.06 | 0.01 | — | 1,517 |
| Paving | — | 0.37 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 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 | 0.04 | 0.04 | 1.18 | 1.74 | < 0.005 | 0.01 | — | 0.01 | 0.01 | — | 0.01 | — | 248 | 248 | 0.01 | < 0.005 | — | 249 |
| Paving | — | 0.06 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

| | | | | | | | | | | | | | | | | | | | |
|---------------------|---------|---------|---------|------|---------|---------|---------|---------|---------|------|---------|------|------|------|---------|---------|------|------|------|
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.01 | 0.01 | 0.22 | 0.32 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 41.1 | 41.1 | < 0.005 | < 0.005 | — | 41.3 | |
| 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 | 0.06 | 0.06 | 0.90 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | — | 203 | 203 | < 0.005 | 0.01 | 0.83 | 206 | |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | |
| Worker | 0.06 | 0.06 | 0.07 | 0.78 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | — | 193 | 193 | < 0.005 | 0.01 | 0.02 | 196 | |
| 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 | 0.01 | 0.01 | 0.01 | 0.13 | 0.00 | 0.00 | < 0.005 | < 0.005 | 0.00 | 0.00 | 0.00 | — | 32.2 | 32.2 | < 0.005 | < 0.005 | 0.06 | 32.7 | |
| 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 | 0.02 | 0.00 | 0.00 | < 0.005 | < 0.005 | 0.00 | 0.00 | 0.00 | — | 5.34 | 5.34 | < 0.005 | < 0.005 | 0.01 | 5.41 | |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |

3.13. Architectural Coating (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 | 0.03 | 0.03 | 1.43 | 1.28 | < 0.005 | 0.04 | — | 0.04 | 0.04 | — | 0.04 | — | 178 | 178 | 0.01 | < 0.005 | — | 179 |
| Architectural Coatings | — | 13.2 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | 0.03 | 0.03 | 1.43 | 1.28 | < 0.005 | 0.04 | — | 0.04 | 0.04 | — | 0.04 | — | 178 | 178 | 0.01 | < 0.005 | — | 179 |
| Architectural Coatings | — | 13.2 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average Daily | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | < 0.005 | < 0.005 | 0.12 | 0.11 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 14.6 | 14.6 | < 0.005 | < 0.005 | — | 14.7 |
| Architectural Coatings | — | 1.09 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| | | | | | | | | | | | | | | | | | | |
|------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|---------|---|------|------|---------|---------|---------|------|
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Off-Road Equipment | < 0.005 | < 0.005 | 0.02 | 0.02 | < 0.005 | < 0.005 | — | < 0.005 | < 0.005 | — | < 0.005 | — | 2.42 | 2.42 | < 0.005 | < 0.005 | — | 2.43 |
| Architectural Coatings | — | 0.20 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Onsite truck | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Offsite | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Daily, Summer (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.02 | 0.02 | 0.02 | 0.30 | 0.00 | 0.00 | < 0.005 | < 0.005 | 0.00 | 0.00 | 0.00 | — | 67.8 | 67.8 | < 0.005 | < 0.005 | 0.28 | 68.8 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Daily, Winter (Max) | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Worker | 0.02 | 0.02 | 0.02 | 0.26 | 0.00 | 0.00 | < 0.005 | < 0.005 | 0.00 | 0.00 | 0.00 | — | 64.5 | 64.5 | < 0.005 | < 0.005 | 0.01 | 65.2 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 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 | — | 5.37 | 5.37 | < 0.005 | < 0.005 | 0.01 | 5.44 |
| 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 | — | 0.89 | 0.89 | < 0.005 | < 0.005 | < 0.005 | 0.90 |
| Vendor | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Hauling | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | — | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

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

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

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

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

| | | | | | | | | | | | | | | | | | | |
|--------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

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

| | | | | | | | | | | | | | | | | | | |
|-------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Annual | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Avoided | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Sequestered | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Removed | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Subtotal | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |

5. Activity Data

5.1. Construction Schedule

| Phase Name | Phase Type | Start Date | End Date | Days Per Week | Work Days per Phase | Phase Description |
|-----------------------|-----------------------|------------|------------|---------------|---------------------|-------------------|
| Demolition | Demolition | 7/4/2023 | 11/6/2023 | 5.00 | 90.0 | — |
| Site Preparation | Site Preparation | 11/7/2023 | 11/13/2023 | 5.00 | 5.00 | — |
| Grading | Grading | 11/14/2023 | 12/18/2023 | 5.00 | 25.0 | — |
| Building Construction | Building Construction | 12/19/2023 | 11/4/2024 | 5.00 | 230 | — |
| Paving | Paving | 8/13/2024 | 11/4/2024 | 5.00 | 60.0 | — |
| Architectural Coating | Architectural Coating | 9/24/2024 | 11/4/2024 | 5.00 | 30.0 | — |

5.2. Off-Road Equipment

5.2.1. Unmitigated

| Phase Name | Equipment Type | Fuel Type | Engine Tier | Number per Day | Hours Per Day | Horsepower | Load Factor |
|------------|--------------------------|-----------|----------------|----------------|---------------|------------|-------------|
| Demolition | Concrete/Industrial Saws | Diesel | Tier 4 Interim | 1.00 | 8.00 | 33.0 | 0.73 |

| | | | | | | | |
|-----------------------|---------------------------|--------|----------------|------|------|------|------|
| Demolition | Excavators | Diesel | Tier 4 Interim | 3.00 | 8.00 | 36.0 | 0.38 |
| Demolition | Rubber Tired Dozers | Diesel | Tier 4 Interim | 2.00 | 8.00 | 367 | 0.40 |
| Site Preparation | Rubber Tired Dozers | Diesel | Tier 4 Interim | 3.00 | 8.00 | 367 | 0.40 |
| Site Preparation | Tractors/Loaders/Backhoes | Diesel | Tier 4 Interim | 4.00 | 8.00 | 84.0 | 0.37 |
| Grading | Excavators | Diesel | Tier 4 Interim | 1.00 | 8.00 | 36.0 | 0.38 |
| Grading | Graders | Diesel | Tier 4 Interim | 1.00 | 8.00 | 148 | 0.41 |
| Grading | Rubber Tired Dozers | Diesel | Tier 4 Interim | 1.00 | 8.00 | 367 | 0.40 |
| Grading | Tractors/Loaders/Backhoes | Diesel | Tier 4 Interim | 5.00 | 8.00 | 84.0 | 0.37 |
| Building Construction | Cranes | Diesel | Tier 4 Interim | 1.00 | 8.00 | 367 | 0.29 |
| Building Construction | Forklifts | Diesel | Tier 4 Interim | 3.00 | 8.00 | 82.0 | 0.20 |
| Building Construction | Generator Sets | Diesel | Tier 4 Interim | 1.00 | 8.00 | 14.0 | 0.74 |
| Building Construction | Tractors/Loaders/Backhoes | Diesel | Tier 4 Interim | 3.00 | 8.00 | 84.0 | 0.37 |
| Building Construction | Welders | Diesel | Tier 4 Interim | 1.00 | 8.00 | 46.0 | 0.45 |
| Paving | Pavers | Diesel | Tier 4 Interim | 2.00 | 8.00 | 81.0 | 0.42 |
| Paving | Paving Equipment | Diesel | Tier 4 Interim | 2.00 | 8.00 | 89.0 | 0.36 |
| Paving | Rollers | Diesel | Tier 4 Interim | 2.00 | 8.00 | 36.0 | 0.38 |
| Architectural Coating | Air Compressors | Diesel | Tier 4 Interim | 1.00 | 8.00 | 37.0 | 0.48 |

5.3. Construction Vehicles

5.3.1. Unmitigated

| Phase Name | Trip Type | One-Way Trips per Day | Miles per Trip | Vehicle Mix |
|------------|-----------|-----------------------|----------------|---------------|
| Demolition | — | — | — | — |
| Demolition | Worker | 15.0 | 18.5 | LDA,LDT1,LDT2 |
| Demolition | Vendor | 3.00 | 10.2 | HHDT,MHDT |

| | | | | |
|-----------------------|--------------|------|------|---------------|
| Demolition | Hauling | 30.0 | 20.0 | HHDT |
| Demolition | Onsite truck | 0.00 | 0.00 | HHDT |
| Site Preparation | — | — | — | — |
| Site Preparation | Worker | 18.0 | 18.5 | LDA,LDT1,LDT2 |
| Site Preparation | Vendor | 1.00 | 10.2 | HHDT,MHDT |
| Site Preparation | Hauling | 0.00 | 20.0 | HHDT |
| Site Preparation | Onsite truck | 0.00 | 0.00 | HHDT |
| Grading | — | — | — | — |
| Grading | Worker | 20.0 | 18.5 | LDA,LDT1,LDT2 |
| Grading | Vendor | 1.00 | 10.2 | HHDT,MHDT |
| Grading | Hauling | 24.0 | 20.0 | HHDT |
| Grading | Onsite truck | 0.00 | 0.00 | HHDT |
| Building Construction | — | — | — | — |
| Building Construction | Worker | 27.0 | 18.5 | LDA,LDT1,LDT2 |
| Building Construction | Vendor | 7.00 | 10.2 | HHDT,MHDT |
| Building Construction | Hauling | 0.00 | 20.0 | HHDT |
| Building Construction | Onsite truck | 0.00 | 0.00 | HHDT |
| Paving | — | — | — | — |
| Paving | Worker | 15.0 | 18.5 | LDA,LDT1,LDT2 |
| Paving | Vendor | 0.00 | 10.2 | HHDT,MHDT |
| Paving | Hauling | 0.00 | 20.0 | HHDT |
| Paving | Onsite truck | 0.00 | 0.00 | HHDT |
| Architectural Coating | — | — | — | — |
| Architectural Coating | Worker | 5.00 | 18.5 | LDA,LDT1,LDT2 |
| Architectural Coating | Vendor | 0.00 | 10.2 | HHDT,MHDT |
| Architectural Coating | Hauling | 0.00 | 20.0 | HHDT |
| Architectural Coating | Onsite truck | 0.00 | 0.00 | HHDT |

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

| Phase Name | Residential Interior Area Coated (sq ft) | Residential Exterior Area Coated (sq ft) | Non-Residential Interior Area Coated (sq ft) | Non-Residential Exterior Area Coated (sq ft) | Parking Area Coated (sq ft) |
|-----------------------|--|--|--|--|-----------------------------|
| Architectural Coating | 0.00 | 0.00 | 94,950 | 31,650 | 22,180 |

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 (Ton of Debris) | Acres Paved (acres) |
|------------------|---------------------------------|---------------------------------|----------------------|-------------------------------------|---------------------|
| Demolition | 0.00 | 0.00 | 0.00 | 10,905 | — |
| Site Preparation | 0.00 | 0.00 | 7.50 | 0.00 | — |
| Grading | 3,799 | 1,000 | 25.0 | 0.00 | — |
| Paving | 0.00 | 0.00 | 0.00 | 0.00 | 8.49 |

5.6.2. Construction Earthmoving Control Strategies

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

5.7. Construction Paving

| Land Use | Area Paved (acres) | % Asphalt |
|----------|--------------------|-----------|
|----------|--------------------|-----------|

| | | |
|----------------------------------|------|------|
| Unrefrigerated Warehouse-No Rail | 0.00 | 0% |
| Parking Lot | 2.61 | 100% |
| Other Asphalt Surfaces | 5.88 | 100% |

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

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

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

| Vegetation Land Use Type | Vegetation Soil Type | Initial Acres | Final Acres |
|--------------------------|----------------------|---------------|-------------|
|--------------------------|----------------------|---------------|-------------|

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

| Biomass Cover Type | Initial Acres | Final Acres |
|--------------------|---------------|-------------|
|--------------------|---------------|-------------|

5.18.2. Sequestration

5.18.2.1. Unmitigated

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

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

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

| Climate Hazard | Result for Project Location | Unit |
|------------------------------|-----------------------------|--|
| Temperature and Extreme Heat | 10.5 | annual days of extreme heat |
| Extreme Precipitation | 4.00 | annual days with precipitation above 20 mm |
| Sea Level Rise | 0.00 | meters of inundation depth |
| Wildfire | 0.00 | annual hectares burned |

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

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

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

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

6.2. Initial Climate Risk Scores

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

| | | | | |
|-------------|-----|-----|-----|-----|
| Snowpack | N/A | N/A | N/A | N/A |
| Air Quality | N/A | N/A | N/A | N/A |

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

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

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

6.3. Adjusted Climate Risk Scores

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

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

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

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

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

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

| Indicator | Result for Project Census Tract |
|-----------|---------------------------------|
|-----------|---------------------------------|

| | |
|---------------------------------|------|
| Exposure Indicators | — |
| AQ-Ozone | 53.7 |
| AQ-PM | 82.8 |
| AQ-DPM | 73.9 |
| Drinking Water | 54.8 |
| Lead Risk Housing | 80.7 |
| Pesticides | 19.7 |
| Toxic Releases | 99.4 |
| Traffic | 36.7 |
| Effect Indicators | — |
| CleanUp Sites | 99.4 |
| Groundwater | 69.8 |
| Haz Waste Facilities/Generators | 99.2 |
| Impaired Water Bodies | 0.00 |
| Solid Waste | 92.9 |
| Sensitive Population | — |
| Asthma | 29.8 |
| Cardio-vascular | 33.7 |
| Low Birth Weights | 12.4 |
| Socioeconomic Factor Indicators | — |
| Education | 90.2 |
| Housing | 68.1 |
| Linguistic | 79.0 |
| Poverty | 77.3 |
| Unemployment | 47.0 |

7.2. Healthy Places Index Scores

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

| Indicator | Result for Project Census Tract |
|--|---------------------------------|
| Economic | — |
| Above Poverty | 21.77595278 |
| Employed | 57.44899269 |
| Median HI | 51.13563454 |
| Education | — |
| Bachelor's or higher | 35.41639933 |
| High school enrollment | 25.49724111 |
| Preschool enrollment | 91.3383806 |
| Transportation | — |
| Auto Access | 76.73553189 |
| Active commuting | 75.70896959 |
| Social | — |
| 2-parent households | 64.16014372 |
| Voting | 14.57718465 |
| Neighborhood | — |
| Alcohol availability | 21.66046452 |
| Park access | 33.44026691 |
| Retail density | 93.55832157 |
| Supermarket access | 69.35711536 |
| Tree canopy | 10.31695111 |
| Housing | — |
| Homeownership | 28.53843193 |
| Housing habitability | 23.18747594 |
| Low-inc homeowner severe housing cost burden | 95.8937508 |
| Low-inc renter severe housing cost burden | 42.83331195 |
| Uncrowded housing | 1.552675478 |

| | |
|---------------------------------------|-------------|
| Health Outcomes | — |
| Insured adults | 6.505838573 |
| Arthritis | 75.7 |
| Asthma ER Admissions | 72.6 |
| High Blood Pressure | 75.3 |
| Cancer (excluding skin) | 80.0 |
| Asthma | 27.9 |
| Coronary Heart Disease | 63.8 |
| Chronic Obstructive Pulmonary Disease | 33.2 |
| Diagnosed Diabetes | 47.0 |
| Life Expectancy at Birth | 27.4 |
| Cognitively Disabled | 58.3 |
| Physically Disabled | 94.1 |
| Heart Attack ER Admissions | 70.7 |
| Mental Health Not Good | 21.9 |
| Chronic Kidney Disease | 64.9 |
| Obesity | 37.0 |
| Pedestrian Injuries | 59.3 |
| Physical Health Not Good | 27.6 |
| Stroke | 58.2 |
| Health Risk Behaviors | — |
| Binge Drinking | 21.6 |
| Current Smoker | 18.3 |
| No Leisure Time for Physical Activity | 22.8 |
| Climate Change Exposures | — |
| Wildfire Risk | 0.0 |
| SLR Inundation Area | 0.0 |

| | |
|----------------------------------|------|
| Children | 7.8 |
| Elderly | 96.9 |
| English Speaking | 14.4 |
| Foreign-born | 71.1 |
| Outdoor Workers | 10.3 |
| Climate Change Adaptive Capacity | — |
| Impervious Surface Cover | 4.8 |
| Traffic Density | 41.8 |
| Traffic Access | 56.5 |
| Other Indices | — |
| Hardship | 88.2 |
| Other Decision Support | — |
| 2016 Voting | 48.6 |

7.3. Overall Health & Equity Scores

| Metric | Result for Project Census Tract |
|---|---------------------------------|
| CalEnviroScreen 4.0 Score for Project Location (a) | 76.0 |
| Healthy Places Index Score for Project Location (b) | 44.0 |
| Project Located in a Designated Disadvantaged Community (Senate Bill 535) | Yes |
| Project Located in a Low-Income Community (Assembly Bill 1550) | Yes |
| Project Located in a Community Air Protection Program Community (Assembly Bill 617) | No |

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

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

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

| Screen | Justification |
|--------------------------------------|--|
| Land Use | Total Project area is 9.94 acres |
| Construction: Construction Phases | Construction anticipated to end in 2024 |
| Construction: Off-Road Equipment | Equipment based on previous study |
| Construction: Trips and VMT | Vendor Trips adjusted based on CalEEMod defaults for Building Construction and number of days for Demolition, Site Preparation, Grading, and Building Construction |
| Construction: Architectural Coatings | Rule 1113 |

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APPENDIX 2.2:
EMFAC EMISSIONS SUMMARY

| Emissions | Phase | Lb/Day | # Days | Emissions | Avg/Lb Day | Avg/Hourly |
|---------------|------------------------|----------|--------|-----------|-------------|-------------|
| On-Site | Demolition | 0.2 | 90 | 18 | 0.2 | 0.025 |
| Exhaust PM-10 | Site Preparation | 0.10 | 5 | 0.5 | 0.1 | 0.0125 |
| | Grading | 0.10 | 25 | 2.5 | 0.1 | 0.0125 |
| | Building Construction | 0.13 | 230 | 28.75 | 0.125 | 0.015625 |
| | Paving | 0.09 | 60 | 5.4 | 0.09 | 0.01125 |
| | Architectural Coatings | 0.04 | 30 | 1.2 | 0.04 | 0.005 |
| | | 0.66 | 350 | 56.35 | 0.161 | 0.020125 |
| Off-Site | Demolition | 3.50E-02 | 90 | 3.15 | 0.035 | 0.004375 |
| Exhaust PM-10 | Site Preparation | 5.00E-03 | 5 | 0.025 | 0.005 | 0.000625 |
| | Grading | 2.50E-02 | 25 | 0.625 | 0.025 | 0.003125 |
| | Building Construction | 5.00E-03 | 230 | 1.15 | 0.005 | 0.000625 |
| | Paving | 0.00E+00 | 60 | 0 | 0 | 0 |
| | Architectural Coatings | 0.00E+00 | 30 | 0 | 0 | 0 |
| | | 7.00E-02 | 350 | 4.95 | 0.014142857 | 0.001767857 |

| Phase | Start Date | End Date | No. Days |
|-----------------------------------|------------|------------|------------|
| Demolition | 7/4/2023 | 11/6/2023 | 90 |
| Site Preparation | 11/7/2023 | 11/13/2023 | 5 |
| Grading | 11/14/2023 | 12/18/2023 | 25 |
| Building Construction | 12/19/2023 | 11/4/2024 | 230 |
| Paving | 8/13/2024 | 11/4/2024 | 60 |
| Arch Coatings | 9/24/2024 | 11/4/2024 | 30 |
| Total Days of Construction | | | 350 |

**AVERAGE EMISSION FACTOR
ORANGE COUNTY 2024**

| Speed | LHD1 | LHD2 | MHD | HHD |
|-------|----------|----------|----------|---------|
| 0 | 0.273977 | 0.464698 | 0.041419 | 0.01513 |
| 5 | 0.025727 | 0.039471 | 0.025694 | 0.01363 |
| 25 | 0.012076 | 0.019044 | 0.006836 | 0.00657 |

| Speed | Weighted Average Emissions |
|-------|----------------------------|
| 0 | 0.06533 |
| 5 | 0.01871 |
| 25 | 0.00765 |

| Truck Emission Rates | | | | | | |
|--|----------------|---------------------------------|--|---|---|--------------------------------------|
| Source | Trucks Per Day | VMT ^a (miles/day) | Truck Emission Rate ^b (grams/mile) | Truck Emission Rate ^b (grams/idle-hour) | Daily Truck Emissions ^c (grams/day) | Modeled Emission Rates (g/second) |
| On-Site Idling - West | 44 | | | 0.0653 | 0.72 | 8.316E-06 |
| On-Site Idling - East | 44 | | | 0.0653 | 0.72 | 8.316E-06 |
| On-Site Travel | 176 | 56.03 | 0.0187 | | 1.05 | 1.213E-05 |
| Off-Site Travel - Struck Avenue 100% Inbound/Outbound | 176 | 36.94 | 0.0077 | | 0.28 | 3.272E-06 |
| Off-Site Travel - Batavia Street South 5% Inbound/Outbound | 9 | 2.03 | 0.0077 | | 0.02 | 1.800E-07 |
| Off-Site Travel - Batavia Street 95% Inbound/Outbound | 167 | 27.44 | 0.0077 | | 0.21 | 2.430E-06 |
| Off-Site Travel - Batavia Street North 5% Inbound/Outbound | 9 | 2.35 | 0.0077 | | 0.02 | 2.079E-07 |
| Off-Site Travel - Katella Avenue 25% Inbound/Outbound | 44 | 15.98 | 0.0077 | | 0.12 | 1.415E-06 |
| Off-Site Travel - Katella Avenue 65% Inbound/Outbound | 114 | 141.86 | 0.0077 | | 1.09 | 1.257E-05 |

^a Vehicle miles traveled are for modeled truck route only.

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

^c This column includes the total truck travel and truck idle emissions. For idle emissions this column includes emissions based on the assumption that each truck idles for 15 minutes.

| calendar_y | season_m | sub_area | vehicle_class | fuel | temperatur | relative_hu | process | speed_tim | pollutant | emission_rate |
|------------|----------|-----------|---------------|------|------------|-------------|---------|-----------|-----------|---------------|
| 2024 | Annual | Orange (S | HHDT | Dsl | 60 | 70 | RUNEX | 5 | PM10 | 0.015266 |
| 2024 | Annual | Orange (S | HHDT | Dsl | 60 | 70 | RUNEX | 25 | PM10 | 0.007355 |
| 2024 | Annual | Orange (S | HHDT | Dsl | | | IDLEX | | PM10 | 0.016949 |
| 2024 | Annual | Orange (S | LHDT1 | Dsl | 60 | 70 | RUNEX | 5 | PM10 | 0.074943 |
| 2024 | Annual | Orange (S | LHDT1 | Dsl | 60 | 70 | RUNEX | 25 | PM10 | 0.035179 |
| 2024 | Annual | Orange (S | LHDT1 | Dsl | | | IDLEX | | PM10 | 0.798104 |
| 2024 | Annual | Orange (S | LHDT2 | Dsl | 60 | 70 | RUNEX | 5 | PM10 | 0.068391 |
| 2024 | Annual | Orange (S | LHDT2 | Dsl | 60 | 70 | RUNEX | 25 | PM10 | 0.032998 |
| 2024 | Annual | Orange (S | LHDT2 | Dsl | | | IDLEX | | PM10 | 0.805176 |
| 2024 | Annual | Orange (S | MHDT | Dsl | 60 | 70 | RUNEX | 5 | PM10 | 0.032641 |
| 2024 | Annual | Orange (S | MHDT | Dsl | 60 | 70 | RUNEX | 25 | PM10 | 0.008684 |
| 2024 | Annual | Orange (S | MHDT | Dsl | | | IDLEX | | PM10 | 0.052618 |

Source: EMFAC2021 (v1.0.2) Emissions Inventory

Region Type: Sub-Area

Region: Orange (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 |
|-----------|----------|-----------|------------|-----------|-------------|------------|
| Orange (S | 2024 | HHDT | Aggregate | Aggregate | Gasoline | 7.62331 |
| Orange (S | 2024 | HHDT | Aggregate | Aggregate | Diesel | 11093.5 |
| Orange (S | 2024 | HHDT | Aggregate | Aggregate | Natural Gas | 1322.87 |
| Orange (S | 2024 | LHDT1 | Aggregate | Aggregate | Gasoline | 41326.4 |
| Orange (S | 2024 | LHDT1 | Aggregate | Aggregate | Diesel | 21602.6 |
| Orange (S | 2024 | LHDT2 | Aggregate | Aggregate | Gasoline | 6721.1 |
| Orange (S | 2024 | LHDT2 | Aggregate | Aggregate | Diesel | 9173.23 |
| Orange (S | 2024 | MHDT | Aggregate | Aggregate | Gasoline | 7429.61 |
| Orange (S | 2024 | MHDT | Aggregate | Aggregate | Diesel | 27477.5 |
| Orange (S | 2024 | MHDT | Aggregate | Aggregate | Natural Gas | 260.263 |

HHDT% GAS/NG 0.10709

HHDT% DSL 0.89291

LHDT1% GAS 0.65672

LHDT1% DSL 0.34328

LHDT2% GAS 0.42286

LHDT2% DSL 0.57714

MHDT% GAS 0.21284

MHDT% DSL 0.78716

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APPENDIX 2.3:
AERMOD MODEL INPUT/OUTPUT


```

**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 11.0.0
** Lakes Environmental Software Inc.
** Date: 10/24/2022
** File: C:\Users\Michael Tirohn\Desktop\HRAs\13101 534 Struck\13101 Construction\13101
Construction.ADI
**

```

```

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

```

```

CO STARTING
TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\13101 534 Struck\13101 Ops\1310
MODELOPT DFAULT CONC
AVERTIME ANNUAL
URBANOPT 3010232 Orange_County
POLLUTID DPM
RUNORNOT RUN
ERRORFIL "13101 Construction.err"

```

```

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

```

```

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

```

| LOCATION | VOL | VOLUME | X Coord. | Y Coord. | |
|---------------|-----|------------|-------------|----------|--------|
| LOCATION VOL1 | | 420509.390 | 3740927.816 | | 51.430 |
| LOCATION VOL2 | | 420587.682 | 3740927.396 | | 52.440 |
| LOCATION VOL3 | | 420509.244 | 3740848.928 | | 51.440 |
| LOCATION VOL4 | | 420587.763 | 3740848.552 | | 52.370 |
| LOCATION VOL5 | | 420585.401 | 3740771.309 | | 51.990 |
| LOCATION VOL6 | | 420508.079 | 3740771.825 | | 51.420 |

```

** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE2
** DESCRSRC
** PREFIX
** Length of Side = 14.00
** Configuration = Adjacent
** Emission Rate = 0.0002227462
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 22
** 420239.127, 3740980.916, 49.98, 3.49, 6.51
** 420241.498, 3741236.092, 50.01, 3.49, 6.51
** 420232.961, 3741262.653, 50.07, 3.49, 6.51
** 420206.400, 3741313.878, 50.31, 3.49, 6.51
** 419812.253, 3741316.249, 48.05, 3.49, 6.51
** 419776.205, 3741316.723, 48.01, 3.49, 6.51
** 419747.273, 3741311.506, 48.00, 3.49, 6.51
** 419699.842, 3741296.328, 47.71, 3.49, 6.51
** 419665.218, 3741281.625, 47.38, 3.49, 6.51
** 419637.708, 3741263.601, 47.07, 3.49, 6.51
** 419591.701, 3741228.977, 47.05, 3.49, 6.51
** 419549.962, 3741175.855, 46.89, 3.49, 6.51
** 419524.824, 3741139.333, 46.69, 3.49, 6.51

```

** 419496.366, 3741101.389, 46.00, 3.49, 6.51
 ** 419460.319, 3741065.342, 46.00, 3.49, 6.51
 ** 419405.299, 3741025.026, 46.00, 3.49, 6.51
 ** 419365.458, 3741011.271, 46.00, 3.49, 6.51
 ** 419326.090, 3740997.991, 46.00, 3.49, 6.51
 ** 419272.020, 3740993.248, 46.00, 3.49, 6.51
 ** 419019.689, 3740998.939, 46.00, 3.49, 6.51
 ** 418583.329, 3741000.836, 45.87, 3.49, 6.51
 ** 418383.647, 3741003.208, 45.00, 3.49, 6.51

| LOCATION | | VOLUME | | | |
|----------|----------|--------|------------|-------------|-------|
| LOCATION | L0001234 | VOLUME | 420239.192 | 3740987.915 | 49.92 |
| LOCATION | L0001235 | VOLUME | 420239.322 | 3741001.915 | 49.92 |
| LOCATION | L0001236 | VOLUME | 420239.452 | 3741015.914 | 49.92 |
| LOCATION | L0001237 | VOLUME | 420239.582 | 3741029.914 | 49.92 |
| LOCATION | L0001238 | VOLUME | 420239.712 | 3741043.913 | 49.92 |
| LOCATION | L0001239 | VOLUME | 420239.842 | 3741057.912 | 49.92 |
| LOCATION | L0001240 | VOLUME | 420239.973 | 3741071.912 | 49.94 |
| LOCATION | L0001241 | VOLUME | 420240.103 | 3741085.911 | 49.95 |
| LOCATION | L0001242 | VOLUME | 420240.233 | 3741099.911 | 49.96 |
| LOCATION | L0001243 | VOLUME | 420240.363 | 3741113.910 | 49.97 |
| LOCATION | L0001244 | VOLUME | 420240.493 | 3741127.909 | 49.98 |
| LOCATION | L0001245 | VOLUME | 420240.623 | 3741141.909 | 50.00 |
| LOCATION | L0001246 | VOLUME | 420240.753 | 3741155.908 | 50.00 |
| LOCATION | L0001247 | VOLUME | 420240.883 | 3741169.908 | 50.00 |
| LOCATION | L0001248 | VOLUME | 420241.013 | 3741183.907 | 50.00 |
| LOCATION | L0001249 | VOLUME | 420241.143 | 3741197.906 | 50.00 |
| LOCATION | L0001250 | VOLUME | 420241.274 | 3741211.906 | 50.00 |
| LOCATION | L0001251 | VOLUME | 420241.404 | 3741225.905 | 50.00 |
| LOCATION | L0001252 | VOLUME | 420240.332 | 3741239.722 | 50.01 |
| LOCATION | L0001253 | VOLUME | 420236.047 | 3741253.050 | 50.13 |
| LOCATION | L0001254 | VOLUME | 420231.159 | 3741266.127 | 50.23 |
| LOCATION | L0001255 | VOLUME | 420224.715 | 3741278.556 | 50.30 |
| LOCATION | L0001256 | VOLUME | 420218.271 | 3741290.984 | 50.35 |
| LOCATION | L0001257 | VOLUME | 420211.826 | 3741303.413 | 50.37 |
| LOCATION | L0001258 | VOLUME | 420204.188 | 3741313.891 | 50.35 |
| LOCATION | L0001259 | VOLUME | 420190.188 | 3741313.975 | 50.20 |
| LOCATION | L0001260 | VOLUME | 420176.188 | 3741314.059 | 50.05 |
| LOCATION | L0001261 | VOLUME | 420162.189 | 3741314.144 | 49.89 |
| LOCATION | L0001262 | VOLUME | 420148.189 | 3741314.228 | 49.70 |
| LOCATION | L0001263 | VOLUME | 420134.189 | 3741314.312 | 49.52 |
| LOCATION | L0001264 | VOLUME | 420120.189 | 3741314.396 | 49.34 |
| LOCATION | L0001265 | VOLUME | 420106.190 | 3741314.481 | 49.16 |
| LOCATION | L0001266 | VOLUME | 420092.190 | 3741314.565 | 49.00 |
| LOCATION | L0001267 | VOLUME | 420078.190 | 3741314.649 | 49.00 |
| LOCATION | L0001268 | VOLUME | 420064.190 | 3741314.733 | 49.00 |
| LOCATION | L0001269 | VOLUME | 420050.191 | 3741314.817 | 49.00 |
| LOCATION | L0001270 | VOLUME | 420036.191 | 3741314.902 | 49.00 |
| LOCATION | L0001271 | VOLUME | 420022.191 | 3741314.986 | 49.00 |
| LOCATION | L0001272 | VOLUME | 420008.191 | 3741315.070 | 49.00 |
| LOCATION | L0001273 | VOLUME | 419994.192 | 3741315.154 | 49.00 |
| LOCATION | L0001274 | VOLUME | 419980.192 | 3741315.239 | 49.00 |
| LOCATION | L0001275 | VOLUME | 419966.192 | 3741315.323 | 49.00 |
| LOCATION | L0001276 | VOLUME | 419952.192 | 3741315.407 | 49.00 |
| LOCATION | L0001277 | VOLUME | 419938.193 | 3741315.491 | 48.98 |
| LOCATION | L0001278 | VOLUME | 419924.193 | 3741315.576 | 48.80 |
| LOCATION | L0001279 | VOLUME | 419910.193 | 3741315.660 | 48.62 |
| LOCATION | L0001280 | VOLUME | 419896.193 | 3741315.744 | 48.44 |
| LOCATION | L0001281 | VOLUME | 419882.194 | 3741315.828 | 48.26 |
| LOCATION | L0001282 | VOLUME | 419868.194 | 3741315.913 | 48.07 |
| LOCATION | L0001283 | VOLUME | 419854.194 | 3741315.997 | 48.00 |
| LOCATION | L0001284 | VOLUME | 419840.194 | 3741316.081 | 48.00 |
| LOCATION | L0001285 | VOLUME | 419826.195 | 3741316.165 | 48.00 |
| LOCATION | L0001286 | VOLUME | 419812.195 | 3741316.250 | 48.00 |
| LOCATION | L0001287 | VOLUME | 419798.196 | 3741316.434 | 48.00 |
| LOCATION | L0001288 | VOLUME | 419784.197 | 3741316.618 | 48.00 |
| LOCATION | L0001289 | VOLUME | 419770.293 | 3741315.657 | 48.00 |

| | | | | | |
|----------|----------|--------|------------|-------------|-------|
| LOCATION | L0001290 | VOLUME | 419756.516 | 3741313.173 | 48.00 |
| LOCATION | L0001291 | VOLUME | 419742.884 | 3741310.102 | 48.00 |
| LOCATION | L0001292 | VOLUME | 419729.550 | 3741305.835 | 48.00 |
| LOCATION | L0001293 | VOLUME | 419716.216 | 3741301.568 | 48.00 |
| LOCATION | L0001294 | VOLUME | 419702.882 | 3741297.301 | 47.97 |
| LOCATION | L0001295 | VOLUME | 419689.894 | 3741292.104 | 47.89 |
| LOCATION | L0001296 | VOLUME | 419677.008 | 3741286.631 | 47.79 |
| LOCATION | L0001297 | VOLUME | 419664.222 | 3741280.972 | 47.66 |
| LOCATION | L0001298 | VOLUME | 419652.511 | 3741273.300 | 47.51 |
| LOCATION | L0001299 | VOLUME | 419640.801 | 3741265.627 | 47.34 |
| LOCATION | L0001300 | VOLUME | 419629.476 | 3741257.406 | 47.15 |
| LOCATION | L0001301 | VOLUME | 419618.290 | 3741248.987 | 47.06 |
| LOCATION | L0001302 | VOLUME | 419607.104 | 3741240.569 | 47.00 |
| LOCATION | L0001303 | VOLUME | 419595.918 | 3741232.150 | 47.00 |
| LOCATION | L0001304 | VOLUME | 419586.312 | 3741222.118 | 47.00 |
| LOCATION | L0001305 | VOLUME | 419577.662 | 3741211.110 | 47.00 |
| LOCATION | L0001306 | VOLUME | 419569.013 | 3741200.101 | 47.00 |
| LOCATION | L0001307 | VOLUME | 419560.363 | 3741189.093 | 47.00 |
| LOCATION | L0001308 | VOLUME | 419551.714 | 3741178.084 | 46.99 |
| LOCATION | L0001309 | VOLUME | 419543.632 | 3741166.658 | 46.90 |
| LOCATION | L0001310 | VOLUME | 419535.694 | 3741155.126 | 46.79 |
| LOCATION | L0001311 | VOLUME | 419527.756 | 3741143.594 | 46.62 |
| LOCATION | L0001312 | VOLUME | 419519.527 | 3741132.271 | 46.45 |
| LOCATION | L0001313 | VOLUME | 419511.127 | 3741121.071 | 46.31 |
| LOCATION | L0001314 | VOLUME | 419502.727 | 3741109.871 | 46.19 |
| LOCATION | L0001315 | VOLUME | 419493.963 | 3741098.987 | 46.10 |
| LOCATION | L0001316 | VOLUME | 419484.064 | 3741089.087 | 46.04 |
| LOCATION | L0001317 | VOLUME | 419474.164 | 3741079.188 | 46.00 |
| LOCATION | L0001318 | VOLUME | 419464.265 | 3741069.288 | 46.00 |
| LOCATION | L0001319 | VOLUME | 419453.528 | 3741060.366 | 46.00 |
| LOCATION | L0001320 | VOLUME | 419442.235 | 3741052.091 | 46.00 |
| LOCATION | L0001321 | VOLUME | 419430.942 | 3741043.816 | 46.00 |
| LOCATION | L0001322 | VOLUME | 419419.649 | 3741035.541 | 46.00 |
| LOCATION | L0001323 | VOLUME | 419408.356 | 3741027.266 | 46.00 |
| LOCATION | L0001324 | VOLUME | 419395.648 | 3741021.694 | 46.00 |
| LOCATION | L0001325 | VOLUME | 419382.415 | 3741017.125 | 46.00 |
| LOCATION | L0001326 | VOLUME | 419369.181 | 3741012.557 | 46.00 |
| LOCATION | L0001327 | VOLUME | 419355.925 | 3741008.055 | 46.00 |
| LOCATION | L0001328 | VOLUME | 419342.659 | 3741003.580 | 46.00 |
| LOCATION | L0001329 | VOLUME | 419329.394 | 3740999.105 | 46.00 |
| LOCATION | L0001330 | VOLUME | 419315.617 | 3740997.072 | 46.00 |
| LOCATION | L0001331 | VOLUME | 419301.670 | 3740995.849 | 46.00 |
| LOCATION | L0001332 | VOLUME | 419287.724 | 3740994.625 | 46.00 |
| LOCATION | L0001333 | VOLUME | 419273.778 | 3740993.402 | 46.00 |
| LOCATION | L0001334 | VOLUME | 419259.787 | 3740993.524 | 46.00 |
| LOCATION | L0001335 | VOLUME | 419245.791 | 3740993.839 | 46.00 |
| LOCATION | L0001336 | VOLUME | 419231.794 | 3740994.155 | 46.00 |
| LOCATION | L0001337 | VOLUME | 419217.798 | 3740994.471 | 46.00 |
| LOCATION | L0001338 | VOLUME | 419203.802 | 3740994.786 | 46.00 |
| LOCATION | L0001339 | VOLUME | 419189.805 | 3740995.102 | 46.00 |
| LOCATION | L0001340 | VOLUME | 419175.809 | 3740995.418 | 46.00 |
| LOCATION | L0001341 | VOLUME | 419161.812 | 3740995.733 | 46.00 |
| LOCATION | L0001342 | VOLUME | 419147.816 | 3740996.049 | 46.00 |
| LOCATION | L0001343 | VOLUME | 419133.819 | 3740996.365 | 46.00 |
| LOCATION | L0001344 | VOLUME | 419119.823 | 3740996.681 | 46.00 |
| LOCATION | L0001345 | VOLUME | 419105.827 | 3740996.996 | 46.00 |
| LOCATION | L0001346 | VOLUME | 419091.830 | 3740997.312 | 46.00 |
| LOCATION | L0001347 | VOLUME | 419077.834 | 3740997.628 | 46.00 |
| LOCATION | L0001348 | VOLUME | 419063.837 | 3740997.943 | 46.00 |
| LOCATION | L0001349 | VOLUME | 419049.841 | 3740998.259 | 46.00 |
| LOCATION | L0001350 | VOLUME | 419035.844 | 3740998.575 | 46.00 |
| LOCATION | L0001351 | VOLUME | 419021.848 | 3740998.891 | 46.00 |
| LOCATION | L0001352 | VOLUME | 419007.849 | 3740998.991 | 46.00 |
| LOCATION | L0001353 | VOLUME | 418993.849 | 3740999.052 | 46.00 |
| LOCATION | L0001354 | VOLUME | 418979.849 | 3740999.112 | 46.00 |
| LOCATION | L0001355 | VOLUME | 418965.849 | 3740999.173 | 46.00 |

| | | | | |
|-------------------|--------|------------|-------------|-------|
| LOCATION L0001356 | VOLUME | 418951.849 | 3740999.234 | 46.00 |
| LOCATION L0001357 | VOLUME | 418937.849 | 3740999.295 | 46.00 |
| LOCATION L0001358 | VOLUME | 418923.849 | 3740999.356 | 46.00 |
| LOCATION L0001359 | VOLUME | 418909.849 | 3740999.417 | 46.00 |
| LOCATION L0001360 | VOLUME | 418895.850 | 3740999.478 | 46.00 |
| LOCATION L0001361 | VOLUME | 418881.850 | 3740999.539 | 46.00 |
| LOCATION L0001362 | VOLUME | 418867.850 | 3740999.599 | 46.00 |
| LOCATION L0001363 | VOLUME | 418853.850 | 3740999.660 | 46.00 |
| LOCATION L0001364 | VOLUME | 418839.850 | 3740999.721 | 46.00 |
| LOCATION L0001365 | VOLUME | 418825.850 | 3740999.782 | 46.00 |
| LOCATION L0001366 | VOLUME | 418811.850 | 3740999.843 | 46.00 |
| LOCATION L0001367 | VOLUME | 418797.851 | 3740999.904 | 46.00 |
| LOCATION L0001368 | VOLUME | 418783.851 | 3740999.965 | 46.00 |
| LOCATION L0001369 | VOLUME | 418769.851 | 3741000.026 | 46.00 |
| LOCATION L0001370 | VOLUME | 418755.851 | 3741000.086 | 46.00 |
| LOCATION L0001371 | VOLUME | 418741.851 | 3741000.147 | 46.00 |
| LOCATION L0001372 | VOLUME | 418727.851 | 3741000.208 | 46.00 |
| LOCATION L0001373 | VOLUME | 418713.851 | 3741000.269 | 46.00 |
| LOCATION L0001374 | VOLUME | 418699.851 | 3741000.330 | 46.00 |
| LOCATION L0001375 | VOLUME | 418685.852 | 3741000.391 | 46.00 |
| LOCATION L0001376 | VOLUME | 418671.852 | 3741000.452 | 46.00 |
| LOCATION L0001377 | VOLUME | 418657.852 | 3741000.512 | 46.00 |
| LOCATION L0001378 | VOLUME | 418643.852 | 3741000.573 | 46.00 |
| LOCATION L0001379 | VOLUME | 418629.852 | 3741000.634 | 46.00 |
| LOCATION L0001380 | VOLUME | 418615.852 | 3741000.695 | 46.00 |
| LOCATION L0001381 | VOLUME | 418601.852 | 3741000.756 | 46.00 |
| LOCATION L0001382 | VOLUME | 418587.853 | 3741000.817 | 46.00 |
| LOCATION L0001383 | VOLUME | 418573.853 | 3741000.949 | 46.00 |
| LOCATION L0001384 | VOLUME | 418559.854 | 3741001.115 | 46.00 |
| LOCATION L0001385 | VOLUME | 418545.855 | 3741001.282 | 45.98 |
| LOCATION L0001386 | VOLUME | 418531.856 | 3741001.448 | 45.84 |
| LOCATION L0001387 | VOLUME | 418517.857 | 3741001.614 | 45.71 |
| LOCATION L0001388 | VOLUME | 418503.858 | 3741001.780 | 45.58 |
| LOCATION L0001389 | VOLUME | 418489.859 | 3741001.947 | 45.45 |
| LOCATION L0001390 | VOLUME | 418475.860 | 3741002.113 | 45.32 |
| LOCATION L0001391 | VOLUME | 418461.861 | 3741002.279 | 45.25 |
| LOCATION L0001392 | VOLUME | 418447.862 | 3741002.445 | 45.20 |
| LOCATION L0001393 | VOLUME | 418433.863 | 3741002.612 | 45.15 |
| LOCATION L0001394 | VOLUME | 418419.864 | 3741002.778 | 45.09 |
| LOCATION L0001395 | VOLUME | 418405.865 | 3741002.944 | 45.04 |
| LOCATION L0001396 | VOLUME | 418391.866 | 3741003.110 | 45.00 |

** End of LINE VOLUME Source ID = SLINE2

**

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE3

** DESCRSRC

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 0.0002227462

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 3

** 420498.614, 3740980.116, 51.71, 3.49, 4.00

** 420379.856, 3740980.912, 50.82, 3.49, 4.00

** 420249.170, 3740982.237, 50.01, 3.49, 4.00

**

| | | | | |
|-------------------|--------|------------|-------------|-------|
| LOCATION L0001397 | VOLUME | 420494.319 | 3740980.145 | 51.23 |
| LOCATION L0001398 | VOLUME | 420485.729 | 3740980.203 | 51.12 |
| LOCATION L0001399 | VOLUME | 420477.140 | 3740980.260 | 51.00 |
| LOCATION L0001400 | VOLUME | 420468.550 | 3740980.318 | 51.00 |
| LOCATION L0001401 | VOLUME | 420459.960 | 3740980.375 | 51.00 |
| LOCATION L0001402 | VOLUME | 420451.370 | 3740980.433 | 51.00 |
| LOCATION L0001403 | VOLUME | 420442.780 | 3740980.490 | 51.00 |
| LOCATION L0001404 | VOLUME | 420434.191 | 3740980.548 | 51.00 |
| LOCATION L0001405 | VOLUME | 420425.601 | 3740980.605 | 51.00 |

| | | | | | |
|----------|----------|--------|------------|-------------|-------|
| LOCATION | L0001406 | VOLUME | 420417.011 | 3740980.663 | 51.00 |
| LOCATION | L0001407 | VOLUME | 420408.421 | 3740980.720 | 51.00 |
| LOCATION | L0001408 | VOLUME | 420399.831 | 3740980.778 | 51.00 |
| LOCATION | L0001409 | VOLUME | 420391.242 | 3740980.835 | 51.00 |
| LOCATION | L0001410 | VOLUME | 420382.652 | 3740980.893 | 51.00 |
| LOCATION | L0001411 | VOLUME | 420374.062 | 3740980.970 | 51.00 |
| LOCATION | L0001412 | VOLUME | 420365.473 | 3740981.058 | 51.00 |
| LOCATION | L0001413 | VOLUME | 420356.883 | 3740981.145 | 51.00 |
| LOCATION | L0001414 | VOLUME | 420348.293 | 3740981.232 | 51.00 |
| LOCATION | L0001415 | VOLUME | 420339.704 | 3740981.319 | 51.00 |
| LOCATION | L0001416 | VOLUME | 420331.114 | 3740981.406 | 51.00 |
| LOCATION | L0001417 | VOLUME | 420322.525 | 3740981.493 | 51.00 |
| LOCATION | L0001418 | VOLUME | 420313.935 | 3740981.580 | 50.89 |
| LOCATION | L0001419 | VOLUME | 420305.346 | 3740981.667 | 50.78 |
| LOCATION | L0001420 | VOLUME | 420296.756 | 3740981.755 | 50.67 |
| LOCATION | L0001421 | VOLUME | 420288.167 | 3740981.842 | 50.55 |
| LOCATION | L0001422 | VOLUME | 420279.577 | 3740981.929 | 50.44 |
| LOCATION | L0001423 | VOLUME | 420270.987 | 3740982.016 | 50.33 |
| LOCATION | L0001424 | VOLUME | 420262.398 | 3740982.103 | 50.22 |
| LOCATION | L0001425 | VOLUME | 420253.808 | 3740982.190 | 50.11 |

** End of LINE VOLUME Source ID = SLINE3

** Source Parameters **

| | | | | | |
|----------|------|--------------|-------|--------|-------|
| SRCPARAM | VOL1 | 0.0004226179 | 5.000 | 19.714 | 1.400 |
| SRCPARAM | VOL2 | 0.0004226179 | 5.000 | 19.714 | 1.400 |
| SRCPARAM | VOL3 | 0.0004226179 | 5.000 | 19.714 | 1.400 |
| SRCPARAM | VOL4 | 0.0004226179 | 5.000 | 19.714 | 1.400 |
| SRCPARAM | VOL5 | 0.0004226179 | 5.000 | 19.714 | 1.400 |
| SRCPARAM | VOL6 | 0.0004226179 | 5.000 | 19.714 | 1.400 |

** LINE VOLUME Source ID = SLINE2

| | | | | | |
|----------|----------|-------------|------|------|------|
| SRCPARAM | L0001234 | 0.000001367 | 3.49 | 6.51 | 3.25 |
| SRCPARAM | L0001235 | 0.000001367 | 3.49 | 6.51 | 3.25 |
| SRCPARAM | L0001236 | 0.000001367 | 3.49 | 6.51 | 3.25 |
| SRCPARAM | L0001237 | 0.000001367 | 3.49 | 6.51 | 3.25 |
| SRCPARAM | L0001238 | 0.000001367 | 3.49 | 6.51 | 3.25 |
| SRCPARAM | L0001239 | 0.000001367 | 3.49 | 6.51 | 3.25 |
| SRCPARAM | L0001240 | 0.000001367 | 3.49 | 6.51 | 3.25 |
| SRCPARAM | L0001241 | 0.000001367 | 3.49 | 6.51 | 3.25 |
| SRCPARAM | L0001242 | 0.000001367 | 3.49 | 6.51 | 3.25 |
| SRCPARAM | L0001243 | 0.000001367 | 3.49 | 6.51 | 3.25 |
| SRCPARAM | L0001244 | 0.000001367 | 3.49 | 6.51 | 3.25 |
| SRCPARAM | L0001245 | 0.000001367 | 3.49 | 6.51 | 3.25 |
| SRCPARAM | L0001246 | 0.000001367 | 3.49 | 6.51 | 3.25 |
| SRCPARAM | L0001247 | 0.000001367 | 3.49 | 6.51 | 3.25 |
| SRCPARAM | L0001248 | 0.000001367 | 3.49 | 6.51 | 3.25 |
| SRCPARAM | L0001249 | 0.000001367 | 3.49 | 6.51 | 3.25 |
| SRCPARAM | L0001250 | 0.000001367 | 3.49 | 6.51 | 3.25 |
| SRCPARAM | L0001251 | 0.000001367 | 3.49 | 6.51 | 3.25 |
| SRCPARAM | L0001252 | 0.000001367 | 3.49 | 6.51 | 3.25 |
| SRCPARAM | L0001253 | 0.000001367 | 3.49 | 6.51 | 3.25 |
| SRCPARAM | L0001254 | 0.000001367 | 3.49 | 6.51 | 3.25 |
| SRCPARAM | L0001255 | 0.000001367 | 3.49 | 6.51 | 3.25 |
| SRCPARAM | L0001256 | 0.000001367 | 3.49 | 6.51 | 3.25 |
| SRCPARAM | L0001257 | 0.000001367 | 3.49 | 6.51 | 3.25 |
| SRCPARAM | L0001258 | 0.000001367 | 3.49 | 6.51 | 3.25 |
| SRCPARAM | L0001259 | 0.000001367 | 3.49 | 6.51 | 3.25 |
| SRCPARAM | L0001260 | 0.000001367 | 3.49 | 6.51 | 3.25 |
| SRCPARAM | L0001261 | 0.000001367 | 3.49 | 6.51 | 3.25 |
| SRCPARAM | L0001262 | 0.000001367 | 3.49 | 6.51 | 3.25 |
| SRCPARAM | L0001263 | 0.000001367 | 3.49 | 6.51 | 3.25 |
| SRCPARAM | L0001264 | 0.000001367 | 3.49 | 6.51 | 3.25 |
| SRCPARAM | L0001265 | 0.000001367 | 3.49 | 6.51 | 3.25 |
| SRCPARAM | L0001266 | 0.000001367 | 3.49 | 6.51 | 3.25 |
| SRCPARAM | L0001267 | 0.000001367 | 3.49 | 6.51 | 3.25 |
| SRCPARAM | L0001268 | 0.000001367 | 3.49 | 6.51 | 3.25 |
| SRCPARAM | L0001269 | 0.000001367 | 3.49 | 6.51 | 3.25 |
| SRCPARAM | L0001270 | 0.000001367 | 3.49 | 6.51 | 3.25 |

| | | | | | |
|----------|----------|-------------|------|------|------|
| SRCPARAM | L0001401 | 0.000007681 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001402 | 0.000007681 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001403 | 0.000007681 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001404 | 0.000007681 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001405 | 0.000007681 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001406 | 0.000007681 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001407 | 0.000007681 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001408 | 0.000007681 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001409 | 0.000007681 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001410 | 0.000007681 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001411 | 0.000007681 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001412 | 0.000007681 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001413 | 0.000007681 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001414 | 0.000007681 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001415 | 0.000007681 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001416 | 0.000007681 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001417 | 0.000007681 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001418 | 0.000007681 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001419 | 0.000007681 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001420 | 0.000007681 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001421 | 0.000007681 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001422 | 0.000007681 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001423 | 0.000007681 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001424 | 0.000007681 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001425 | 0.000007681 | 3.49 | 4.00 | 3.25 |

** -----

URBANSRC ALL

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

** Variable Emission Scenario: "Scenario 1"

** WeekDays:

| | | | | | | | | |
|----------|------|-------|-----|-----|-----|-----|-----|-----|
| EMISFACT | VOL1 | HRDOW | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| EMISFACT | VOL1 | HRDOW | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| EMISFACT | VOL1 | HRDOW | 1.0 | 1.0 | 1.0 | 1.0 | 0.0 | 0.0 |
| EMISFACT | VOL1 | HRDOW | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

** Saturday:

| | | | | | | | | |
|----------|------|-------|-----|-----|-----|-----|-----|-----|
| EMISFACT | VOL1 | HRDOW | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| EMISFACT | VOL1 | HRDOW | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| EMISFACT | VOL1 | HRDOW | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| EMISFACT | VOL1 | HRDOW | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

** Sunday:

| | | | | | | | | |
|----------|------|-------|-----|-----|-----|-----|-----|-----|
| EMISFACT | VOL1 | HRDOW | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| EMISFACT | VOL1 | HRDOW | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| EMISFACT | VOL1 | HRDOW | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| EMISFACT | VOL1 | HRDOW | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

** WeekDays:

| | | | | | | | | |
|----------|------|-------|-----|-----|-----|-----|-----|-----|
| EMISFACT | VOL2 | HRDOW | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| EMISFACT | VOL2 | HRDOW | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| EMISFACT | VOL2 | HRDOW | 1.0 | 1.0 | 1.0 | 1.0 | 0.0 | 0.0 |
| EMISFACT | VOL2 | HRDOW | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

** Saturday:

| | | | | | | | | |
|----------|------|-------|-----|-----|-----|-----|-----|-----|
| EMISFACT | VOL2 | HRDOW | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| EMISFACT | VOL2 | HRDOW | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| EMISFACT | VOL2 | HRDOW | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| EMISFACT | VOL2 | HRDOW | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

** Sunday:

| | | | | | | | | |
|----------|------|-------|-----|-----|-----|-----|-----|-----|
| EMISFACT | VOL2 | HRDOW | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| EMISFACT | VOL2 | HRDOW | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| EMISFACT | VOL2 | HRDOW | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| EMISFACT | VOL2 | HRDOW | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

** WeekDays:

| | | | | | | | | |
|----------|------|-------|-----|-----|-----|-----|-----|-----|
| EMISFACT | VOL3 | HRDOW | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| EMISFACT | VOL3 | HRDOW | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| EMISFACT | VOL3 | HRDOW | 1.0 | 1.0 | 1.0 | 1.0 | 0.0 | 0.0 |
| EMISFACT | VOL3 | HRDOW | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

** Saturday:

** AERMOD Meteorology Pathway

**

**

ME STARTING

SURFFILE KSNA_V9_ADJU\KSNA_v9.SFC
PROFFILE KSNA_V9_ADJU\KSNA_v9.PFL
SURFDATA 93184 2012
UAIRDATA 3190 2012
PROFBASE 17.0 METERS

ME FINISHED

**

** AERMOD Output Pathway

**

**

OU STARTING

** Auto-Generated Plotfiles

PLOTFILE ANNUAL ALL "13101 CONSTRUCTION.AD\AN00GALL.PLT" 31
SUMMFILE "13101 Construction.sum"

OU FINISHED

**

** Project Parameters

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

**

```

** Lakes Environmental AERMOD MPI
**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 11.0.0
** Lakes Environmental Software Inc.
** Date: 10/24/2022
** File: C:\Users\Michael Tirohn\Desktop\HRAs\13101 534 Struck\13101 Construction\13101
Construction.ADI
**

```

```

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

```

```

CO STARTING
TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\13101 534 Struck\13101 Ops\1310
MODELOPT DFAULT CONC
AVERTIME ANNUAL
URBANOPT 3010232 Orange_County
POLLUTID DPM
RUNORNOT RUN
ERRORFIL "13101 Construction.err"

```

```

CO FINISHED

```

```

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

```

```

**

```

```

SO STARTING

```

```

** Source Location **

```

```

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

```

| LOCATION | VOL | VOLUME | X Coord. | Y Coord. |
|---------------|-----|------------|-------------|----------|
| LOCATION VOL1 | | 420509.390 | 3740927.816 | 51.430 |
| LOCATION VOL2 | | 420587.682 | 3740927.396 | 52.440 |
| LOCATION VOL3 | | 420509.244 | 3740848.928 | 51.440 |
| LOCATION VOL4 | | 420587.763 | 3740848.552 | 52.370 |
| LOCATION VOL5 | | 420585.401 | 3740771.309 | 51.990 |
| LOCATION VOL6 | | 420508.079 | 3740771.825 | 51.420 |

```

** -----

```

```

** Line Source Represented by Adjacent Volume Sources

```

```

** LINE VOLUME Source ID = SLINE2
** DESCRSRC
** PREFIX
** Length of Side = 14.00
** Configuration = Adjacent
** Emission Rate = 0.0002227462
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 22

```

- ** 420239.127, 3740980.916, 49.98, 3.49, 6.51
- ** 420241.498, 3741236.092, 50.01, 3.49, 6.51
- ** 420232.961, 3741262.653, 50.07, 3.49, 6.51
- ** 420206.400, 3741313.878, 50.31, 3.49, 6.51
- ** 419812.253, 3741316.249, 48.05, 3.49, 6.51
- ** 419776.205, 3741316.723, 48.01, 3.49, 6.51
- ** 419747.273, 3741311.506, 48.00, 3.49, 6.51
- ** 419699.842, 3741296.328, 47.71, 3.49, 6.51
- ** 419665.218, 3741281.625, 47.38, 3.49, 6.51
- ** 419637.708, 3741263.601, 47.07, 3.49, 6.51
- ** 419591.701, 3741228.977, 47.05, 3.49, 6.51
- ** 419549.962, 3741175.855, 46.89, 3.49, 6.51

** 419524.824, 3741139.333, 46.69, 3.49, 6.51
 ** 419496.366, 3741101.389, 46.00, 3.49, 6.51
 ** 419460.319, 3741065.342, 46.00, 3.49, 6.51
 ** 419405.299, 3741025.026, 46.00, 3.49, 6.51
 ** 419365.458, 3741011.271, 46.00, 3.49, 6.51
 ** 419326.090, 3740997.991, 46.00, 3.49, 6.51
 ** 419272.020, 3740993.248, 46.00, 3.49, 6.51
 ** 419019.689, 3740998.939, 46.00, 3.49, 6.51
 ** 418583.329, 3741000.836, 45.87, 3.49, 6.51
 ** 418383.647, 3741003.208, 45.00, 3.49, 6.51

**

| LOCATION | | VOLUME | | | |
|----------|----------|--------|------------|-------------|-------|
| LOCATION | L0001234 | VOLUME | 420239.192 | 3740987.915 | 49.92 |
| LOCATION | L0001235 | VOLUME | 420239.322 | 3741001.915 | 49.92 |
| LOCATION | L0001236 | VOLUME | 420239.452 | 3741015.914 | 49.92 |
| LOCATION | L0001237 | VOLUME | 420239.582 | 3741029.914 | 49.92 |
| LOCATION | L0001238 | VOLUME | 420239.712 | 3741043.913 | 49.92 |
| LOCATION | L0001239 | VOLUME | 420239.842 | 3741057.912 | 49.92 |
| LOCATION | L0001240 | VOLUME | 420239.973 | 3741071.912 | 49.94 |
| LOCATION | L0001241 | VOLUME | 420240.103 | 3741085.911 | 49.95 |
| LOCATION | L0001242 | VOLUME | 420240.233 | 3741099.911 | 49.96 |
| LOCATION | L0001243 | VOLUME | 420240.363 | 3741113.910 | 49.97 |
| LOCATION | L0001244 | VOLUME | 420240.493 | 3741127.909 | 49.98 |
| LOCATION | L0001245 | VOLUME | 420240.623 | 3741141.909 | 50.00 |
| LOCATION | L0001246 | VOLUME | 420240.753 | 3741155.908 | 50.00 |
| LOCATION | L0001247 | VOLUME | 420240.883 | 3741169.908 | 50.00 |
| LOCATION | L0001248 | VOLUME | 420241.013 | 3741183.907 | 50.00 |
| LOCATION | L0001249 | VOLUME | 420241.143 | 3741197.906 | 50.00 |
| LOCATION | L0001250 | VOLUME | 420241.274 | 3741211.906 | 50.00 |
| LOCATION | L0001251 | VOLUME | 420241.404 | 3741225.905 | 50.00 |
| LOCATION | L0001252 | VOLUME | 420240.332 | 3741239.722 | 50.01 |
| LOCATION | L0001253 | VOLUME | 420236.047 | 3741253.050 | 50.13 |
| LOCATION | L0001254 | VOLUME | 420231.159 | 3741266.127 | 50.23 |
| LOCATION | L0001255 | VOLUME | 420224.715 | 3741278.556 | 50.30 |
| LOCATION | L0001256 | VOLUME | 420218.271 | 3741290.984 | 50.35 |
| LOCATION | L0001257 | VOLUME | 420211.826 | 3741303.413 | 50.37 |
| LOCATION | L0001258 | VOLUME | 420204.188 | 3741313.891 | 50.35 |
| LOCATION | L0001259 | VOLUME | 420190.188 | 3741313.975 | 50.20 |
| LOCATION | L0001260 | VOLUME | 420176.188 | 3741314.059 | 50.05 |
| LOCATION | L0001261 | VOLUME | 420162.189 | 3741314.144 | 49.89 |
| LOCATION | L0001262 | VOLUME | 420148.189 | 3741314.228 | 49.70 |
| LOCATION | L0001263 | VOLUME | 420134.189 | 3741314.312 | 49.52 |
| LOCATION | L0001264 | VOLUME | 420120.189 | 3741314.396 | 49.34 |
| LOCATION | L0001265 | VOLUME | 420106.190 | 3741314.481 | 49.16 |
| LOCATION | L0001266 | VOLUME | 420092.190 | 3741314.565 | 49.00 |
| LOCATION | L0001267 | VOLUME | 420078.190 | 3741314.649 | 49.00 |
| LOCATION | L0001268 | VOLUME | 420064.190 | 3741314.733 | 49.00 |
| LOCATION | L0001269 | VOLUME | 420050.191 | 3741314.817 | 49.00 |
| LOCATION | L0001270 | VOLUME | 420036.191 | 3741314.902 | 49.00 |
| LOCATION | L0001271 | VOLUME | 420022.191 | 3741314.986 | 49.00 |
| LOCATION | L0001272 | VOLUME | 420008.191 | 3741315.070 | 49.00 |
| LOCATION | L0001273 | VOLUME | 419994.192 | 3741315.154 | 49.00 |
| LOCATION | L0001274 | VOLUME | 419980.192 | 3741315.239 | 49.00 |
| LOCATION | L0001275 | VOLUME | 419966.192 | 3741315.323 | 49.00 |
| LOCATION | L0001276 | VOLUME | 419952.192 | 3741315.407 | 49.00 |
| LOCATION | L0001277 | VOLUME | 419938.193 | 3741315.491 | 48.98 |
| LOCATION | L0001278 | VOLUME | 419924.193 | 3741315.576 | 48.80 |
| LOCATION | L0001279 | VOLUME | 419910.193 | 3741315.660 | 48.62 |
| LOCATION | L0001280 | VOLUME | 419896.193 | 3741315.744 | 48.44 |
| LOCATION | L0001281 | VOLUME | 419882.194 | 3741315.828 | 48.26 |
| LOCATION | L0001282 | VOLUME | 419868.194 | 3741315.913 | 48.07 |
| LOCATION | L0001283 | VOLUME | 419854.194 | 3741315.997 | 48.00 |
| LOCATION | L0001284 | VOLUME | 419840.194 | 3741316.081 | 48.00 |
| LOCATION | L0001285 | VOLUME | 419826.195 | 3741316.165 | 48.00 |
| LOCATION | L0001286 | VOLUME | 419812.195 | 3741316.250 | 48.00 |
| LOCATION | L0001287 | VOLUME | 419798.196 | 3741316.434 | 48.00 |
| LOCATION | L0001288 | VOLUME | 419784.197 | 3741316.618 | 48.00 |

| | | | | | |
|----------|----------|--------|------------|-------------|-------|
| LOCATION | L0001289 | VOLUME | 419770.293 | 3741315.657 | 48.00 |
| LOCATION | L0001290 | VOLUME | 419756.516 | 3741313.173 | 48.00 |
| LOCATION | L0001291 | VOLUME | 419742.884 | 3741310.102 | 48.00 |
| LOCATION | L0001292 | VOLUME | 419729.550 | 3741305.835 | 48.00 |
| LOCATION | L0001293 | VOLUME | 419716.216 | 3741301.568 | 48.00 |
| LOCATION | L0001294 | VOLUME | 419702.882 | 3741297.301 | 47.97 |
| LOCATION | L0001295 | VOLUME | 419689.894 | 3741292.104 | 47.89 |
| LOCATION | L0001296 | VOLUME | 419677.008 | 3741286.631 | 47.79 |
| LOCATION | L0001297 | VOLUME | 419664.222 | 3741280.972 | 47.66 |
| LOCATION | L0001298 | VOLUME | 419652.511 | 3741273.300 | 47.51 |
| LOCATION | L0001299 | VOLUME | 419640.801 | 3741265.627 | 47.34 |
| LOCATION | L0001300 | VOLUME | 419629.476 | 3741257.406 | 47.15 |
| LOCATION | L0001301 | VOLUME | 419618.290 | 3741248.987 | 47.06 |
| LOCATION | L0001302 | VOLUME | 419607.104 | 3741240.569 | 47.00 |
| LOCATION | L0001303 | VOLUME | 419595.918 | 3741232.150 | 47.00 |
| LOCATION | L0001304 | VOLUME | 419586.312 | 3741222.118 | 47.00 |
| LOCATION | L0001305 | VOLUME | 419577.662 | 3741211.110 | 47.00 |
| LOCATION | L0001306 | VOLUME | 419569.013 | 3741200.101 | 47.00 |
| LOCATION | L0001307 | VOLUME | 419560.363 | 3741189.093 | 47.00 |
| LOCATION | L0001308 | VOLUME | 419551.714 | 3741178.084 | 46.99 |
| LOCATION | L0001309 | VOLUME | 419543.632 | 3741166.658 | 46.90 |
| LOCATION | L0001310 | VOLUME | 419535.694 | 3741155.126 | 46.79 |
| LOCATION | L0001311 | VOLUME | 419527.756 | 3741143.594 | 46.62 |
| LOCATION | L0001312 | VOLUME | 419519.527 | 3741132.271 | 46.45 |
| LOCATION | L0001313 | VOLUME | 419511.127 | 3741121.071 | 46.31 |
| LOCATION | L0001314 | VOLUME | 419502.727 | 3741109.871 | 46.19 |
| LOCATION | L0001315 | VOLUME | 419493.963 | 3741098.987 | 46.10 |
| LOCATION | L0001316 | VOLUME | 419484.064 | 3741089.087 | 46.04 |
| LOCATION | L0001317 | VOLUME | 419474.164 | 3741079.188 | 46.00 |
| LOCATION | L0001318 | VOLUME | 419464.265 | 3741069.288 | 46.00 |
| LOCATION | L0001319 | VOLUME | 419453.528 | 3741060.366 | 46.00 |
| LOCATION | L0001320 | VOLUME | 419442.235 | 3741052.091 | 46.00 |
| LOCATION | L0001321 | VOLUME | 419430.942 | 3741043.816 | 46.00 |
| LOCATION | L0001322 | VOLUME | 419419.649 | 3741035.541 | 46.00 |
| LOCATION | L0001323 | VOLUME | 419408.356 | 3741027.266 | 46.00 |
| LOCATION | L0001324 | VOLUME | 419395.648 | 3741021.694 | 46.00 |
| LOCATION | L0001325 | VOLUME | 419382.415 | 3741017.125 | 46.00 |
| LOCATION | L0001326 | VOLUME | 419369.181 | 3741012.557 | 46.00 |
| LOCATION | L0001327 | VOLUME | 419355.925 | 3741008.055 | 46.00 |
| LOCATION | L0001328 | VOLUME | 419342.659 | 3741003.580 | 46.00 |
| LOCATION | L0001329 | VOLUME | 419329.394 | 3740999.105 | 46.00 |
| LOCATION | L0001330 | VOLUME | 419315.617 | 3740997.072 | 46.00 |
| LOCATION | L0001331 | VOLUME | 419301.670 | 3740995.849 | 46.00 |
| LOCATION | L0001332 | VOLUME | 419287.724 | 3740994.625 | 46.00 |
| LOCATION | L0001333 | VOLUME | 419273.778 | 3740993.402 | 46.00 |
| LOCATION | L0001334 | VOLUME | 419259.787 | 3740993.524 | 46.00 |
| LOCATION | L0001335 | VOLUME | 419245.791 | 3740993.839 | 46.00 |
| LOCATION | L0001336 | VOLUME | 419231.794 | 3740994.155 | 46.00 |
| LOCATION | L0001337 | VOLUME | 419217.798 | 3740994.471 | 46.00 |
| LOCATION | L0001338 | VOLUME | 419203.802 | 3740994.786 | 46.00 |
| LOCATION | L0001339 | VOLUME | 419189.805 | 3740995.102 | 46.00 |
| LOCATION | L0001340 | VOLUME | 419175.809 | 3740995.418 | 46.00 |
| LOCATION | L0001341 | VOLUME | 419161.812 | 3740995.733 | 46.00 |
| LOCATION | L0001342 | VOLUME | 419147.816 | 3740996.049 | 46.00 |
| LOCATION | L0001343 | VOLUME | 419133.819 | 3740996.365 | 46.00 |
| LOCATION | L0001344 | VOLUME | 419119.823 | 3740996.681 | 46.00 |
| LOCATION | L0001345 | VOLUME | 419105.827 | 3740996.996 | 46.00 |
| LOCATION | L0001346 | VOLUME | 419091.830 | 3740997.312 | 46.00 |
| LOCATION | L0001347 | VOLUME | 419077.834 | 3740997.628 | 46.00 |
| LOCATION | L0001348 | VOLUME | 419063.837 | 3740997.943 | 46.00 |
| LOCATION | L0001349 | VOLUME | 419049.841 | 3740998.259 | 46.00 |
| LOCATION | L0001350 | VOLUME | 419035.844 | 3740998.575 | 46.00 |
| LOCATION | L0001351 | VOLUME | 419021.848 | 3740998.891 | 46.00 |
| LOCATION | L0001352 | VOLUME | 419007.849 | 3740998.991 | 46.00 |
| LOCATION | L0001353 | VOLUME | 418993.849 | 3740999.052 | 46.00 |
| LOCATION | L0001354 | VOLUME | 418979.849 | 3740999.112 | 46.00 |

| LOCATION | VOLUME | | | |
|----------|------------|-------------|-------|--|
| L0001355 | 418965.849 | 3740999.173 | 46.00 | |
| L0001356 | 418951.849 | 3740999.234 | 46.00 | |
| L0001357 | 418937.849 | 3740999.295 | 46.00 | |
| L0001358 | 418923.849 | 3740999.356 | 46.00 | |
| L0001359 | 418909.849 | 3740999.417 | 46.00 | |
| L0001360 | 418895.850 | 3740999.478 | 46.00 | |
| L0001361 | 418881.850 | 3740999.539 | 46.00 | |
| L0001362 | 418867.850 | 3740999.599 | 46.00 | |
| L0001363 | 418853.850 | 3740999.660 | 46.00 | |
| L0001364 | 418839.850 | 3740999.721 | 46.00 | |
| L0001365 | 418825.850 | 3740999.782 | 46.00 | |
| L0001366 | 418811.850 | 3740999.843 | 46.00 | |
| L0001367 | 418797.851 | 3740999.904 | 46.00 | |
| L0001368 | 418783.851 | 3740999.965 | 46.00 | |
| L0001369 | 418769.851 | 3741000.026 | 46.00 | |
| L0001370 | 418755.851 | 3741000.086 | 46.00 | |
| L0001371 | 418741.851 | 3741000.147 | 46.00 | |
| L0001372 | 418727.851 | 3741000.208 | 46.00 | |
| L0001373 | 418713.851 | 3741000.269 | 46.00 | |
| L0001374 | 418699.851 | 3741000.330 | 46.00 | |
| L0001375 | 418685.852 | 3741000.391 | 46.00 | |
| L0001376 | 418671.852 | 3741000.452 | 46.00 | |
| L0001377 | 418657.852 | 3741000.512 | 46.00 | |
| L0001378 | 418643.852 | 3741000.573 | 46.00 | |
| L0001379 | 418629.852 | 3741000.634 | 46.00 | |
| L0001380 | 418615.852 | 3741000.695 | 46.00 | |
| L0001381 | 418601.852 | 3741000.756 | 46.00 | |
| L0001382 | 418587.853 | 3741000.817 | 46.00 | |
| L0001383 | 418573.853 | 3741000.949 | 46.00 | |
| L0001384 | 418559.854 | 3741001.115 | 46.00 | |
| L0001385 | 418545.855 | 3741001.282 | 45.98 | |
| L0001386 | 418531.856 | 3741001.448 | 45.84 | |
| L0001387 | 418517.857 | 3741001.614 | 45.71 | |
| L0001388 | 418503.858 | 3741001.780 | 45.58 | |
| L0001389 | 418489.859 | 3741001.947 | 45.45 | |
| L0001390 | 418475.860 | 3741002.113 | 45.32 | |
| L0001391 | 418461.861 | 3741002.279 | 45.25 | |
| L0001392 | 418447.862 | 3741002.445 | 45.20 | |
| L0001393 | 418433.863 | 3741002.612 | 45.15 | |
| L0001394 | 418419.864 | 3741002.778 | 45.09 | |
| L0001395 | 418405.865 | 3741002.944 | 45.04 | |
| L0001396 | 418391.866 | 3741003.110 | 45.00 | |

** End of LINE VOLUME Source ID = SLINE2

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE3

** DESCRSRC

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 0.0002227462

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 3

** 420498.614, 3740980.116, 51.71, 3.49, 4.00

** 420379.856, 3740980.912, 50.82, 3.49, 4.00

** 420249.170, 3740982.237, 50.01, 3.49, 4.00

| LOCATION | VOLUME | | | |
|----------|------------|-------------|-------|--|
| L0001397 | 420494.319 | 3740980.145 | 51.23 | |
| L0001398 | 420485.729 | 3740980.203 | 51.12 | |
| L0001399 | 420477.140 | 3740980.260 | 51.00 | |
| L0001400 | 420468.550 | 3740980.318 | 51.00 | |
| L0001401 | 420459.960 | 3740980.375 | 51.00 | |
| L0001402 | 420451.370 | 3740980.433 | 51.00 | |
| L0001403 | 420442.780 | 3740980.490 | 51.00 | |
| L0001404 | 420434.191 | 3740980.548 | 51.00 | |

| | | | | |
|-------------------|--------|------------|-------------|-------|
| LOCATION L0001405 | VOLUME | 420425.601 | 3740980.605 | 51.00 |
| LOCATION L0001406 | VOLUME | 420417.011 | 3740980.663 | 51.00 |
| LOCATION L0001407 | VOLUME | 420408.421 | 3740980.720 | 51.00 |
| LOCATION L0001408 | VOLUME | 420399.831 | 3740980.778 | 51.00 |
| LOCATION L0001409 | VOLUME | 420391.242 | 3740980.835 | 51.00 |
| LOCATION L0001410 | VOLUME | 420382.652 | 3740980.893 | 51.00 |
| LOCATION L0001411 | VOLUME | 420374.062 | 3740980.970 | 51.00 |
| LOCATION L0001412 | VOLUME | 420365.473 | 3740981.058 | 51.00 |
| LOCATION L0001413 | VOLUME | 420356.883 | 3740981.145 | 51.00 |
| LOCATION L0001414 | VOLUME | 420348.293 | 3740981.232 | 51.00 |
| LOCATION L0001415 | VOLUME | 420339.704 | 3740981.319 | 51.00 |
| LOCATION L0001416 | VOLUME | 420331.114 | 3740981.406 | 51.00 |
| LOCATION L0001417 | VOLUME | 420322.525 | 3740981.493 | 51.00 |
| LOCATION L0001418 | VOLUME | 420313.935 | 3740981.580 | 50.89 |
| LOCATION L0001419 | VOLUME | 420305.346 | 3740981.667 | 50.78 |
| LOCATION L0001420 | VOLUME | 420296.756 | 3740981.755 | 50.67 |
| LOCATION L0001421 | VOLUME | 420288.167 | 3740981.842 | 50.55 |
| LOCATION L0001422 | VOLUME | 420279.577 | 3740981.929 | 50.44 |
| LOCATION L0001423 | VOLUME | 420270.987 | 3740982.016 | 50.33 |
| LOCATION L0001424 | VOLUME | 420262.398 | 3740982.103 | 50.22 |
| LOCATION L0001425 | VOLUME | 420253.808 | 3740982.190 | 50.11 |

** End of LINE VOLUME Source ID = SLINE3

** Source Parameters **

| | | | | |
|---------------|--------------|-------|--------|-------|
| SRCPARAM VOL1 | 0.0004226179 | 5.000 | 19.714 | 1.400 |
| SRCPARAM VOL2 | 0.0004226179 | 5.000 | 19.714 | 1.400 |
| SRCPARAM VOL3 | 0.0004226179 | 5.000 | 19.714 | 1.400 |
| SRCPARAM VOL4 | 0.0004226179 | 5.000 | 19.714 | 1.400 |
| SRCPARAM VOL5 | 0.0004226179 | 5.000 | 19.714 | 1.400 |
| SRCPARAM VOL6 | 0.0004226179 | 5.000 | 19.714 | 1.400 |

** LINE VOLUME Source ID = SLINE2

| | | | | |
|-------------------|-------------|------|------|------|
| SRCPARAM L0001234 | 0.000001367 | 3.49 | 6.51 | 3.25 |
| SRCPARAM L0001235 | 0.000001367 | 3.49 | 6.51 | 3.25 |
| SRCPARAM L0001236 | 0.000001367 | 3.49 | 6.51 | 3.25 |
| SRCPARAM L0001237 | 0.000001367 | 3.49 | 6.51 | 3.25 |
| SRCPARAM L0001238 | 0.000001367 | 3.49 | 6.51 | 3.25 |
| SRCPARAM L0001239 | 0.000001367 | 3.49 | 6.51 | 3.25 |
| SRCPARAM L0001240 | 0.000001367 | 3.49 | 6.51 | 3.25 |
| SRCPARAM L0001241 | 0.000001367 | 3.49 | 6.51 | 3.25 |
| SRCPARAM L0001242 | 0.000001367 | 3.49 | 6.51 | 3.25 |
| SRCPARAM L0001243 | 0.000001367 | 3.49 | 6.51 | 3.25 |
| SRCPARAM L0001244 | 0.000001367 | 3.49 | 6.51 | 3.25 |
| SRCPARAM L0001245 | 0.000001367 | 3.49 | 6.51 | 3.25 |
| SRCPARAM L0001246 | 0.000001367 | 3.49 | 6.51 | 3.25 |
| SRCPARAM L0001247 | 0.000001367 | 3.49 | 6.51 | 3.25 |
| SRCPARAM L0001248 | 0.000001367 | 3.49 | 6.51 | 3.25 |
| SRCPARAM L0001249 | 0.000001367 | 3.49 | 6.51 | 3.25 |
| SRCPARAM L0001250 | 0.000001367 | 3.49 | 6.51 | 3.25 |
| SRCPARAM L0001251 | 0.000001367 | 3.49 | 6.51 | 3.25 |
| SRCPARAM L0001252 | 0.000001367 | 3.49 | 6.51 | 3.25 |
| SRCPARAM L0001253 | 0.000001367 | 3.49 | 6.51 | 3.25 |
| SRCPARAM L0001254 | 0.000001367 | 3.49 | 6.51 | 3.25 |
| SRCPARAM L0001255 | 0.000001367 | 3.49 | 6.51 | 3.25 |
| SRCPARAM L0001256 | 0.000001367 | 3.49 | 6.51 | 3.25 |
| SRCPARAM L0001257 | 0.000001367 | 3.49 | 6.51 | 3.25 |
| SRCPARAM L0001258 | 0.000001367 | 3.49 | 6.51 | 3.25 |
| SRCPARAM L0001259 | 0.000001367 | 3.49 | 6.51 | 3.25 |
| SRCPARAM L0001260 | 0.000001367 | 3.49 | 6.51 | 3.25 |
| SRCPARAM L0001261 | 0.000001367 | 3.49 | 6.51 | 3.25 |
| SRCPARAM L0001262 | 0.000001367 | 3.49 | 6.51 | 3.25 |
| SRCPARAM L0001263 | 0.000001367 | 3.49 | 6.51 | 3.25 |
| SRCPARAM L0001264 | 0.000001367 | 3.49 | 6.51 | 3.25 |
| SRCPARAM L0001265 | 0.000001367 | 3.49 | 6.51 | 3.25 |
| SRCPARAM L0001266 | 0.000001367 | 3.49 | 6.51 | 3.25 |
| SRCPARAM L0001267 | 0.000001367 | 3.49 | 6.51 | 3.25 |
| SRCPARAM L0001268 | 0.000001367 | 3.49 | 6.51 | 3.25 |
| SRCPARAM L0001269 | 0.000001367 | 3.49 | 6.51 | 3.25 |

| | | | | | |
|----------|----------|-------------|------|------|------|
| SRCPARAM | L0001400 | 0.000007681 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001401 | 0.000007681 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001402 | 0.000007681 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001403 | 0.000007681 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001404 | 0.000007681 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001405 | 0.000007681 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001406 | 0.000007681 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001407 | 0.000007681 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001408 | 0.000007681 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001409 | 0.000007681 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001410 | 0.000007681 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001411 | 0.000007681 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001412 | 0.000007681 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001413 | 0.000007681 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001414 | 0.000007681 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001415 | 0.000007681 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001416 | 0.000007681 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001417 | 0.000007681 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001418 | 0.000007681 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001419 | 0.000007681 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001420 | 0.000007681 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001421 | 0.000007681 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001422 | 0.000007681 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001423 | 0.000007681 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001424 | 0.000007681 | 3.49 | 4.00 | 3.25 |
| SRCPARAM | L0001425 | 0.000007681 | 3.49 | 4.00 | 3.25 |

**

 URBANSRC ALL

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

** Variable Emission Scenario: "Scenario 1"

** WeekDays:

| | | | | | | | | |
|----------|------|-------|-----|-----|-----|-----|-----|-----|
| EMISFACT | VOL1 | HRDOW | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| EMISFACT | VOL1 | HRDOW | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| EMISFACT | VOL1 | HRDOW | 1.0 | 1.0 | 1.0 | 1.0 | 0.0 | 0.0 |
| EMISFACT | VOL1 | HRDOW | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

** Saturday:

| | | | | | | | | |
|----------|------|-------|-----|-----|-----|-----|-----|-----|
| EMISFACT | VOL1 | HRDOW | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| EMISFACT | VOL1 | HRDOW | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| EMISFACT | VOL1 | HRDOW | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| EMISFACT | VOL1 | HRDOW | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

** Sunday:

| | | | | | | | | |
|----------|------|-------|-----|-----|-----|-----|-----|-----|
| EMISFACT | VOL1 | HRDOW | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| EMISFACT | VOL1 | HRDOW | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| EMISFACT | VOL1 | HRDOW | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| EMISFACT | VOL1 | HRDOW | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

** WeekDays:

| | | | | | | | | |
|----------|------|-------|-----|-----|-----|-----|-----|-----|
| EMISFACT | VOL2 | HRDOW | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| EMISFACT | VOL2 | HRDOW | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| EMISFACT | VOL2 | HRDOW | 1.0 | 1.0 | 1.0 | 1.0 | 0.0 | 0.0 |
| EMISFACT | VOL2 | HRDOW | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

** Saturday:

| | | | | | | | | |
|----------|------|-------|-----|-----|-----|-----|-----|-----|
| EMISFACT | VOL2 | HRDOW | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| EMISFACT | VOL2 | HRDOW | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| EMISFACT | VOL2 | HRDOW | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| EMISFACT | VOL2 | HRDOW | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

** Sunday:

| | | | | | | | | |
|----------|------|-------|-----|-----|-----|-----|-----|-----|
| EMISFACT | VOL2 | HRDOW | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| EMISFACT | VOL2 | HRDOW | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| EMISFACT | VOL2 | HRDOW | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| EMISFACT | VOL2 | HRDOW | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

** WeekDays:

| | | | | | | | | |
|----------|------|-------|-----|-----|-----|-----|-----|-----|
| EMISFACT | VOL3 | HRDOW | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| EMISFACT | VOL3 | HRDOW | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| EMISFACT | VOL3 | HRDOW | 1.0 | 1.0 | 1.0 | 1.0 | 0.0 | 0.0 |
| EMISFACT | VOL3 | HRDOW | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

**

** AERMOD Meteorology Pathway

**
**

ME STARTING
SURFFILE KSNA_V9_ADJU\KSNA_v9.SFC
PROFFILE KSNA_V9_ADJU\KSNA_v9.PFL
SURFDATA 93184 2012
UAIRDATA 3190 2012
PROFBASE 17.0 METERS

ME FINISHED
**

** AERMOD Output Pathway

**
**

OU STARTING
** Auto-Generated Plotfiles
PLOTFILE ANNUAL ALL "13101 CONSTRUCTION.AD\AN00GALL.PLT" 31
SUMMFILE "13101 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 2915 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 2915 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** SETUP Finishes Successfully ***

*** AERMOD - VERSION 22112 *** ** C:\Users\Michael Tirohn\Desktop\HRAs\13101 534
Struck\13101 Ops\1310 *** 10/24/22
*** AERMET - VERSION 16216 ***
*** 12:13:41

PAGE 1

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY ***

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

* Stack-tip Downwash.
* Model Accounts for ELEVated Terrain Effects.
* Use Calms Processing Routine.
* Use Missing Data Processing Routine.
* No Exponential Decay.
* Model Uses URBAN Dispersion Algorithm for the SBL for 198 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 3010232.0 ; Urban Roughness Length = 1.000 m
* Urban Roughness Length of 1.0 Meter Used.
* ADJ_U* - Use ADJ_U* option for SBL in AERMET
* CCVR_Sub - Meteorological data includes CCVR substitutions
* TEMP_Sub - Meteorological data includes TEMP substitutions
* Model Assumes No FLAGPOLE Receptor Heights.
* The User Specified a Pollutant Type of: DPM

**Model Calculates ANNUAL Averages Only

**This Run Includes: 198 Source(s); 1 Source Group(s); and 53 Receptor(s)
with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 198 VOLUME source(s)
and: 0 AREA type source(s)
and: 0 LINE source(s)
and: 0 RLINE/RLINEXT source(s)
and: 0 OPENPIT source(s)
and: 0 BUOYANT LINE source(s) with a total of 0 line(s)
and: 0 SWPOINT source(s)

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

**The AERMET Input Meteorological Data Version Date: 16216

**Output Options Selected:

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

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

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 17.00 ; 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: 13101

Construction.err

**File for Summary of Results: 13101

Construction.sum

*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAS\13101 534
Struck\13101 Ops\1310 *** 10/24/22

*** AERMET - VERSION 16216 ***

12:13:41

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

| SOURCE | NUMBER | EMISSION | RATE | | | BASE | RELEASE | INIT. | INIT. |
|-----------|--------|-------------|------|----------|-----------|----------|----------|----------|-------|
| SOURCE | URBAN | EMISSION | RATE | X | Y | ELEV. | HEIGHT | SY | SZ |
| SCALAR | PART. | (GRAMS/SEC) | | | | | | | |
| ID | VARY | | | (METERS) | (METERS) | (METERS) | (METERS) | (METERS) | |
| (METERS) | CATS. | BY | | | | | | | |
| VOL1 | 0 | 0.42262E-03 | | 420509.4 | 3740927.8 | 51.4 | 5.00 | 19.71 | 1.40 |
| YES HRDOW | | | | | | | | | |
| VOL2 | 0 | 0.42262E-03 | | 420587.7 | 3740927.4 | 52.4 | 5.00 | 19.71 | 1.40 |
| YES HRDOW | | | | | | | | | |
| VOL3 | 0 | 0.42262E-03 | | 420509.2 | 3740848.9 | 51.4 | 5.00 | 19.71 | 1.40 |
| YES HRDOW | | | | | | | | | |
| VOL4 | 0 | 0.42262E-03 | | 420587.8 | 3740848.6 | 52.4 | 5.00 | 19.71 | 1.40 |
| YES HRDOW | | | | | | | | | |
| VOL5 | 0 | 0.42262E-03 | | 420585.4 | 3740771.3 | 52.0 | 5.00 | 19.71 | 1.40 |
| YES HRDOW | | | | | | | | | |
| VOL6 | 0 | 0.42262E-03 | | 420508.1 | 3740771.8 | 51.4 | 5.00 | 19.71 | 1.40 |
| YES HRDOW | | | | | | | | | |
| L0001234 | 0 | 0.13670E-05 | | 420239.2 | 3740987.9 | 49.9 | 3.49 | 6.51 | 3.25 |
| YES HRDOW | | | | | | | | | |
| L0001235 | 0 | 0.13670E-05 | | 420239.3 | 3741001.9 | 49.9 | 3.49 | 6.51 | 3.25 |
| YES HRDOW | | | | | | | | | |
| L0001236 | 0 | 0.13670E-05 | | 420239.5 | 3741015.9 | 49.9 | 3.49 | 6.51 | 3.25 |
| YES HRDOW | | | | | | | | | |
| L0001237 | 0 | 0.13670E-05 | | 420239.6 | 3741029.9 | 49.9 | 3.49 | 6.51 | 3.25 |
| YES HRDOW | | | | | | | | | |
| L0001238 | 0 | 0.13670E-05 | | 420239.7 | 3741043.9 | 49.9 | 3.49 | 6.51 | 3.25 |
| YES HRDOW | | | | | | | | | |
| L0001239 | 0 | 0.13670E-05 | | 420239.8 | 3741057.9 | 49.9 | 3.49 | 6.51 | 3.25 |
| YES HRDOW | | | | | | | | | |
| L0001240 | 0 | 0.13670E-05 | | 420240.0 | 3741071.9 | 49.9 | 3.49 | 6.51 | 3.25 |
| YES HRDOW | | | | | | | | | |
| L0001241 | 0 | 0.13670E-05 | | 420240.1 | 3741085.9 | 49.9 | 3.49 | 6.51 | 3.25 |
| YES HRDOW | | | | | | | | | |
| L0001242 | 0 | 0.13670E-05 | | 420240.2 | 3741099.9 | 50.0 | 3.49 | 6.51 | 3.25 |
| YES HRDOW | | | | | | | | | |
| L0001243 | 0 | 0.13670E-05 | | 420240.4 | 3741113.9 | 50.0 | 3.49 | 6.51 | 3.25 |
| YES HRDOW | | | | | | | | | |
| L0001244 | 0 | 0.13670E-05 | | 420240.5 | 3741127.9 | 50.0 | 3.49 | 6.51 | 3.25 |
| YES HRDOW | | | | | | | | | |
| L0001245 | 0 | 0.13670E-05 | | 420240.6 | 3741141.9 | 50.0 | 3.49 | 6.51 | 3.25 |
| YES HRDOW | | | | | | | | | |
| L0001246 | 0 | 0.13670E-05 | | 420240.8 | 3741155.9 | 50.0 | 3.49 | 6.51 | 3.25 |
| YES HRDOW | | | | | | | | | |
| L0001247 | 0 | 0.13670E-05 | | 420240.9 | 3741169.9 | 50.0 | 3.49 | 6.51 | 3.25 |
| YES HRDOW | | | | | | | | | |
| L0001248 | 0 | 0.13670E-05 | | 420241.0 | 3741183.9 | 50.0 | 3.49 | 6.51 | 3.25 |
| YES HRDOW | | | | | | | | | |
| L0001249 | 0 | 0.13670E-05 | | 420241.1 | 3741197.9 | 50.0 | 3.49 | 6.51 | 3.25 |
| YES HRDOW | | | | | | | | | |
| L0001250 | 0 | 0.13670E-05 | | 420241.3 | 3741211.9 | 50.0 | 3.49 | 6.51 | 3.25 |
| YES HRDOW | | | | | | | | | |
| L0001251 | 0 | 0.13670E-05 | | 420241.4 | 3741225.9 | 50.0 | 3.49 | 6.51 | 3.25 |
| YES HRDOW | | | | | | | | | |
| L0001252 | 0 | 0.13670E-05 | | 420240.3 | 3741239.7 | 50.0 | 3.49 | 6.51 | 3.25 |
| YES HRDOW | | | | | | | | | |
| L0001253 | 0 | 0.13670E-05 | | 420236.0 | 3741253.0 | 50.1 | 3.49 | 6.51 | 3.25 |

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YES HRDOW
L0001254      0  0.13670E-05  420231.2  3741266.1   50.2   3.49   6.51   3.25
YES HRDOW
L0001255      0  0.13670E-05  420224.7  3741278.6   50.3   3.49   6.51   3.25
YES HRDOW
L0001256      0  0.13670E-05  420218.3  3741291.0   50.3   3.49   6.51   3.25
YES HRDOW
L0001257      0  0.13670E-05  420211.8  3741303.4   50.4   3.49   6.51   3.25
YES HRDOW
L0001258      0  0.13670E-05  420204.2  3741313.9   50.3   3.49   6.51   3.25
YES HRDOW
L0001259      0  0.13670E-05  420190.2  3741314.0   50.2   3.49   6.51   3.25
YES HRDOW
L0001260      0  0.13670E-05  420176.2  3741314.1   50.0   3.49   6.51   3.25
YES HRDOW
L0001261      0  0.13670E-05  420162.2  3741314.1   49.9   3.49   6.51   3.25
YES HRDOW
L0001262      0  0.13670E-05  420148.2  3741314.2   49.7   3.49   6.51   3.25
YES HRDOW
L0001263      0  0.13670E-05  420134.2  3741314.3   49.5   3.49   6.51   3.25
YES HRDOW
L0001264      0  0.13670E-05  420120.2  3741314.4   49.3   3.49   6.51   3.25
YES HRDOW
L0001265      0  0.13670E-05  420106.2  3741314.5   49.2   3.49   6.51   3.25
YES HRDOW
L0001266      0  0.13670E-05  420092.2  3741314.6   49.0   3.49   6.51   3.25
YES HRDOW
L0001267      0  0.13670E-05  420078.2  3741314.6   49.0   3.49   6.51   3.25
YES HRDOW

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*** AERMET - VERSION 16216 ***
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*** 12:13:41

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PAGE 3

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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*** VOLUME SOURCE DATA ***

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| SOURCE | NUMBER | EMISSION RATE | | | BASE | RELEASE | INIT. | INIT. |
|-----------|-------------|---------------|----------|-----------|----------|----------|----------|----------|
| SOURCE | URBAN | EMISSION RATE | | | ELEV. | HEIGHT | SY | SZ |
| ID | PART. | (GRAMS/SEC) | X | Y | (METERS) | (METERS) | (METERS) | (METERS) |
| (METERS) | SCALAR VARY | BY | | | | | | |
| | ID | CATS. | (METERS) | (METERS) | (METERS) | (METERS) | (METERS) | (METERS) |
| L0001268 | 0 | 0.13670E-05 | 420064.2 | 3741314.7 | 49.0 | 3.49 | 6.51 | 3.25 |
| YES HRDOW | | | | | | | | |
| L0001269 | 0 | 0.13670E-05 | 420050.2 | 3741314.8 | 49.0 | 3.49 | 6.51 | 3.25 |
| YES HRDOW | | | | | | | | |
| L0001270 | 0 | 0.13670E-05 | 420036.2 | 3741314.9 | 49.0 | 3.49 | 6.51 | 3.25 |
| YES HRDOW | | | | | | | | |
| L0001271 | 0 | 0.13670E-05 | 420022.2 | 3741315.0 | 49.0 | 3.49 | 6.51 | 3.25 |
| YES HRDOW | | | | | | | | |
| L0001272 | 0 | 0.13670E-05 | 420008.2 | 3741315.1 | 49.0 | 3.49 | 6.51 | 3.25 |
| YES HRDOW | | | | | | | | |
| L0001273 | 0 | 0.13670E-05 | 419994.2 | 3741315.2 | 49.0 | 3.49 | 6.51 | 3.25 |
| YES HRDOW | | | | | | | | |
| L0001274 | 0 | 0.13670E-05 | 419980.2 | 3741315.2 | 49.0 | 3.49 | 6.51 | 3.25 |
| YES HRDOW | | | | | | | | |
| L0001275 | 0 | 0.13670E-05 | 419966.2 | 3741315.3 | 49.0 | 3.49 | 6.51 | 3.25 |
| YES HRDOW | | | | | | | | |
| L0001276 | 0 | 0.13670E-05 | 419952.2 | 3741315.4 | 49.0 | 3.49 | 6.51 | 3.25 |

| | | | | | | | | | |
|----------|-------|---|-------------|----------|-----------|------|------|------|------|
| YES | HRDOW | | | | | | | | |
| L0001277 | | 0 | 0.13670E-05 | 419938.2 | 3741315.5 | 49.0 | 3.49 | 6.51 | 3.25 |
| YES | HRDOW | | | | | | | | |
| L0001278 | | 0 | 0.13670E-05 | 419924.2 | 3741315.6 | 48.8 | 3.49 | 6.51 | 3.25 |
| YES | HRDOW | | | | | | | | |
| L0001279 | | 0 | 0.13670E-05 | 419910.2 | 3741315.7 | 48.6 | 3.49 | 6.51 | 3.25 |
| YES | HRDOW | | | | | | | | |
| L0001280 | | 0 | 0.13670E-05 | 419896.2 | 3741315.7 | 48.4 | 3.49 | 6.51 | 3.25 |
| YES | HRDOW | | | | | | | | |
| L0001281 | | 0 | 0.13670E-05 | 419882.2 | 3741315.8 | 48.3 | 3.49 | 6.51 | 3.25 |
| YES | HRDOW | | | | | | | | |
| L0001282 | | 0 | 0.13670E-05 | 419868.2 | 3741315.9 | 48.1 | 3.49 | 6.51 | 3.25 |
| YES | HRDOW | | | | | | | | |
| L0001283 | | 0 | 0.13670E-05 | 419854.2 | 3741316.0 | 48.0 | 3.49 | 6.51 | 3.25 |
| YES | HRDOW | | | | | | | | |
| L0001284 | | 0 | 0.13670E-05 | 419840.2 | 3741316.1 | 48.0 | 3.49 | 6.51 | 3.25 |
| YES | HRDOW | | | | | | | | |
| L0001285 | | 0 | 0.13670E-05 | 419826.2 | 3741316.2 | 48.0 | 3.49 | 6.51 | 3.25 |
| YES | HRDOW | | | | | | | | |
| L0001286 | | 0 | 0.13670E-05 | 419812.2 | 3741316.2 | 48.0 | 3.49 | 6.51 | 3.25 |
| YES | HRDOW | | | | | | | | |
| L0001287 | | 0 | 0.13670E-05 | 419798.2 | 3741316.4 | 48.0 | 3.49 | 6.51 | 3.25 |
| YES | HRDOW | | | | | | | | |
| L0001288 | | 0 | 0.13670E-05 | 419784.2 | 3741316.6 | 48.0 | 3.49 | 6.51 | 3.25 |
| YES | HRDOW | | | | | | | | |
| L0001289 | | 0 | 0.13670E-05 | 419770.3 | 3741315.7 | 48.0 | 3.49 | 6.51 | 3.25 |
| YES | HRDOW | | | | | | | | |
| L0001290 | | 0 | 0.13670E-05 | 419756.5 | 3741313.2 | 48.0 | 3.49 | 6.51 | 3.25 |
| YES | HRDOW | | | | | | | | |
| L0001291 | | 0 | 0.13670E-05 | 419742.9 | 3741310.1 | 48.0 | 3.49 | 6.51 | 3.25 |
| YES | HRDOW | | | | | | | | |
| L0001292 | | 0 | 0.13670E-05 | 419729.5 | 3741305.8 | 48.0 | 3.49 | 6.51 | 3.25 |
| YES | HRDOW | | | | | | | | |
| L0001293 | | 0 | 0.13670E-05 | 419716.2 | 3741301.6 | 48.0 | 3.49 | 6.51 | 3.25 |
| YES | HRDOW | | | | | | | | |
| L0001294 | | 0 | 0.13670E-05 | 419702.9 | 3741297.3 | 48.0 | 3.49 | 6.51 | 3.25 |
| YES | HRDOW | | | | | | | | |
| L0001295 | | 0 | 0.13670E-05 | 419689.9 | 3741292.1 | 47.9 | 3.49 | 6.51 | 3.25 |
| YES | HRDOW | | | | | | | | |
| L0001296 | | 0 | 0.13670E-05 | 419677.0 | 3741286.6 | 47.8 | 3.49 | 6.51 | 3.25 |
| YES | HRDOW | | | | | | | | |
| L0001297 | | 0 | 0.13670E-05 | 419664.2 | 3741281.0 | 47.7 | 3.49 | 6.51 | 3.25 |
| YES | HRDOW | | | | | | | | |
| L0001298 | | 0 | 0.13670E-05 | 419652.5 | 3741273.3 | 47.5 | 3.49 | 6.51 | 3.25 |
| YES | HRDOW | | | | | | | | |
| L0001299 | | 0 | 0.13670E-05 | 419640.8 | 3741265.6 | 47.3 | 3.49 | 6.51 | 3.25 |
| YES | HRDOW | | | | | | | | |
| L0001300 | | 0 | 0.13670E-05 | 419629.5 | 3741257.4 | 47.1 | 3.49 | 6.51 | 3.25 |
| YES | HRDOW | | | | | | | | |
| L0001301 | | 0 | 0.13670E-05 | 419618.3 | 3741249.0 | 47.1 | 3.49 | 6.51 | 3.25 |
| YES | HRDOW | | | | | | | | |
| L0001302 | | 0 | 0.13670E-05 | 419607.1 | 3741240.6 | 47.0 | 3.49 | 6.51 | 3.25 |
| YES | HRDOW | | | | | | | | |
| L0001303 | | 0 | 0.13670E-05 | 419595.9 | 3741232.1 | 47.0 | 3.49 | 6.51 | 3.25 |
| YES | HRDOW | | | | | | | | |
| L0001304 | | 0 | 0.13670E-05 | 419586.3 | 3741222.1 | 47.0 | 3.49 | 6.51 | 3.25 |
| YES | HRDOW | | | | | | | | |
| L0001305 | | 0 | 0.13670E-05 | 419577.7 | 3741211.1 | 47.0 | 3.49 | 6.51 | 3.25 |
| YES | HRDOW | | | | | | | | |
| L0001306 | | 0 | 0.13670E-05 | 419569.0 | 3741200.1 | 47.0 | 3.49 | 6.51 | 3.25 |
| YES | HRDOW | | | | | | | | |
| L0001307 | | 0 | 0.13670E-05 | 419560.4 | 3741189.1 | 47.0 | 3.49 | 6.51 | 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 |
| SCALAR | PART. | (GRAMS/SEC) | | X | | | | |
| VARY | CATS. | | | (METERS) | (METERS) | (METERS) | (METERS) | (METERS) |
| ID | | BY | | | | | | |
| (METERS) | | | | | | | | |
| L0001308 | 0 | 0.13670E-05 | 419551.7 | 3741178.1 | 47.0 | 3.49 | 6.51 | 3.25 |
| YES HRDOW | | | | | | | | |
| L0001309 | 0 | 0.13670E-05 | 419543.6 | 3741166.7 | 46.9 | 3.49 | 6.51 | 3.25 |
| YES HRDOW | | | | | | | | |
| L0001310 | 0 | 0.13670E-05 | 419535.7 | 3741155.1 | 46.8 | 3.49 | 6.51 | 3.25 |
| YES HRDOW | | | | | | | | |
| L0001311 | 0 | 0.13670E-05 | 419527.8 | 3741143.6 | 46.6 | 3.49 | 6.51 | 3.25 |
| YES HRDOW | | | | | | | | |
| L0001312 | 0 | 0.13670E-05 | 419519.5 | 3741132.3 | 46.4 | 3.49 | 6.51 | 3.25 |
| YES HRDOW | | | | | | | | |
| L0001313 | 0 | 0.13670E-05 | 419511.1 | 3741121.1 | 46.3 | 3.49 | 6.51 | 3.25 |
| YES HRDOW | | | | | | | | |
| L0001314 | 0 | 0.13670E-05 | 419502.7 | 3741109.9 | 46.2 | 3.49 | 6.51 | 3.25 |
| YES HRDOW | | | | | | | | |
| L0001315 | 0 | 0.13670E-05 | 419494.0 | 3741099.0 | 46.1 | 3.49 | 6.51 | 3.25 |
| YES HRDOW | | | | | | | | |
| L0001316 | 0 | 0.13670E-05 | 419484.1 | 3741089.1 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES HRDOW | | | | | | | | |
| L0001317 | 0 | 0.13670E-05 | 419474.2 | 3741079.2 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES HRDOW | | | | | | | | |
| L0001318 | 0 | 0.13670E-05 | 419464.3 | 3741069.3 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES HRDOW | | | | | | | | |
| L0001319 | 0 | 0.13670E-05 | 419453.5 | 3741060.4 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES HRDOW | | | | | | | | |
| L0001320 | 0 | 0.13670E-05 | 419442.2 | 3741052.1 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES HRDOW | | | | | | | | |
| L0001321 | 0 | 0.13670E-05 | 419430.9 | 3741043.8 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES HRDOW | | | | | | | | |
| L0001322 | 0 | 0.13670E-05 | 419419.6 | 3741035.5 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES HRDOW | | | | | | | | |
| L0001323 | 0 | 0.13670E-05 | 419408.4 | 3741027.3 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES HRDOW | | | | | | | | |
| L0001324 | 0 | 0.13670E-05 | 419395.6 | 3741021.7 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES HRDOW | | | | | | | | |
| L0001325 | 0 | 0.13670E-05 | 419382.4 | 3741017.1 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES HRDOW | | | | | | | | |
| L0001326 | 0 | 0.13670E-05 | 419369.2 | 3741012.6 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES HRDOW | | | | | | | | |
| L0001327 | 0 | 0.13670E-05 | 419355.9 | 3741008.1 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES HRDOW | | | | | | | | |
| L0001328 | 0 | 0.13670E-05 | 419342.7 | 3741003.6 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES HRDOW | | | | | | | | |
| L0001329 | 0 | 0.13670E-05 | 419329.4 | 3740999.1 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES HRDOW | | | | | | | | |
| L0001330 | 0 | 0.13670E-05 | 419315.6 | 3740997.1 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES HRDOW | | | | | | | | |
| L0001331 | 0 | 0.13670E-05 | 419301.7 | 3740995.8 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES HRDOW | | | | | | | | |
| L0001332 | 0 | 0.13670E-05 | 419287.7 | 3740994.6 | 46.0 | 3.49 | 6.51 | 3.25 |

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YES HRDOW
L0001333      0  0.13670E-05  419273.8 3740993.4    46.0    3.49    6.51    3.25
YES HRDOW
L0001334      0  0.13670E-05  419259.8 3740993.5    46.0    3.49    6.51    3.25
YES HRDOW
L0001335      0  0.13670E-05  419245.8 3740993.8    46.0    3.49    6.51    3.25
YES HRDOW
L0001336      0  0.13670E-05  419231.8 3740994.2    46.0    3.49    6.51    3.25
YES HRDOW
L0001337      0  0.13670E-05  419217.8 3740994.5    46.0    3.49    6.51    3.25
YES HRDOW
L0001338      0  0.13670E-05  419203.8 3740994.8    46.0    3.49    6.51    3.25
YES HRDOW
L0001339      0  0.13670E-05  419189.8 3740995.1    46.0    3.49    6.51    3.25
YES HRDOW
L0001340      0  0.13670E-05  419175.8 3740995.4    46.0    3.49    6.51    3.25
YES HRDOW
L0001341      0  0.13670E-05  419161.8 3740995.7    46.0    3.49    6.51    3.25
YES HRDOW
L0001342      0  0.13670E-05  419147.8 3740996.0    46.0    3.49    6.51    3.25
YES HRDOW
L0001343      0  0.13670E-05  419133.8 3740996.4    46.0    3.49    6.51    3.25
YES HRDOW
L0001344      0  0.13670E-05  419119.8 3740996.7    46.0    3.49    6.51    3.25
YES HRDOW
L0001345      0  0.13670E-05  419105.8 3740997.0    46.0    3.49    6.51    3.25
YES HRDOW
L0001346      0  0.13670E-05  419091.8 3740997.3    46.0    3.49    6.51    3.25
YES HRDOW
L0001347      0  0.13670E-05  419077.8 3740997.6    46.0    3.49    6.51    3.25

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*** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\13101 534
Struck\13101 Ops\1310 ***      10/24/22

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*** AERMET - VERSION 16216 ***
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***      12:13:41

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PAGE 5

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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*** VOLUME SOURCE DATA ***

```

| SOURCE | NUMBER | EMISSION | RATE | | | BASE | RELEASE | INIT. | INIT. |
|-----------|--------|-------------|----------|-----------|----------|----------|----------|----------|-------|
| SOURCE | URBAN | EMISSION | RATE | X | Y | ELEV. | HEIGHT | SY | SZ |
| SCALAR | PART. | (GRAMS/SEC) | | (METERS) | (METERS) | (METERS) | (METERS) | (METERS) | |
| VARIES | CATS. | BY | | | | | | | |
| ID | | | | | | | | | |
| (METERS) | | | | | | | | | |
| L0001348 | 0 | 0.13670E-05 | 419063.8 | 3740997.9 | | 46.0 | 3.49 | 6.51 | 3.25 |
| YES HRDOW | | | | | | | | | |
| L0001349 | 0 | 0.13670E-05 | 419049.8 | 3740998.3 | | 46.0 | 3.49 | 6.51 | 3.25 |
| YES HRDOW | | | | | | | | | |
| L0001350 | 0 | 0.13670E-05 | 419035.8 | 3740998.6 | | 46.0 | 3.49 | 6.51 | 3.25 |
| YES HRDOW | | | | | | | | | |
| L0001351 | 0 | 0.13670E-05 | 419021.8 | 3740998.9 | | 46.0 | 3.49 | 6.51 | 3.25 |
| YES HRDOW | | | | | | | | | |
| L0001352 | 0 | 0.13670E-05 | 419007.8 | 3740999.0 | | 46.0 | 3.49 | 6.51 | 3.25 |
| YES HRDOW | | | | | | | | | |
| L0001353 | 0 | 0.13670E-05 | 418993.8 | 3740999.1 | | 46.0 | 3.49 | 6.51 | 3.25 |
| YES HRDOW | | | | | | | | | |
| L0001354 | 0 | 0.13670E-05 | 418979.8 | 3740999.1 | | 46.0 | 3.49 | 6.51 | 3.25 |
| YES HRDOW | | | | | | | | | |
| L0001355 | 0 | 0.13670E-05 | 418965.8 | 3740999.2 | | 46.0 | 3.49 | 6.51 | 3.25 |

| | | | | | | | | | |
|----------|-------|---|-------------|----------|-----------|------|------|------|------|
| YES | HRDOW | | | | | | | | |
| L0001356 | | 0 | 0.13670E-05 | 418951.8 | 3740999.2 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES | HRDOW | | | | | | | | |
| L0001357 | | 0 | 0.13670E-05 | 418937.8 | 3740999.3 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES | HRDOW | | | | | | | | |
| L0001358 | | 0 | 0.13670E-05 | 418923.8 | 3740999.4 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES | HRDOW | | | | | | | | |
| L0001359 | | 0 | 0.13670E-05 | 418909.8 | 3740999.4 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES | HRDOW | | | | | | | | |
| L0001360 | | 0 | 0.13670E-05 | 418895.8 | 3740999.5 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES | HRDOW | | | | | | | | |
| L0001361 | | 0 | 0.13670E-05 | 418881.8 | 3740999.5 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES | HRDOW | | | | | | | | |
| L0001362 | | 0 | 0.13670E-05 | 418867.8 | 3740999.6 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES | HRDOW | | | | | | | | |
| L0001363 | | 0 | 0.13670E-05 | 418853.8 | 3740999.7 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES | HRDOW | | | | | | | | |
| L0001364 | | 0 | 0.13670E-05 | 418839.8 | 3740999.7 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES | HRDOW | | | | | | | | |
| L0001365 | | 0 | 0.13670E-05 | 418825.8 | 3740999.8 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES | HRDOW | | | | | | | | |
| L0001366 | | 0 | 0.13670E-05 | 418811.8 | 3740999.8 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES | HRDOW | | | | | | | | |
| L0001367 | | 0 | 0.13670E-05 | 418797.9 | 3740999.9 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES | HRDOW | | | | | | | | |
| L0001368 | | 0 | 0.13670E-05 | 418783.9 | 3741000.0 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES | HRDOW | | | | | | | | |
| L0001369 | | 0 | 0.13670E-05 | 418769.9 | 3741000.0 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES | HRDOW | | | | | | | | |
| L0001370 | | 0 | 0.13670E-05 | 418755.9 | 3741000.1 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES | HRDOW | | | | | | | | |
| L0001371 | | 0 | 0.13670E-05 | 418741.9 | 3741000.1 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES | HRDOW | | | | | | | | |
| L0001372 | | 0 | 0.13670E-05 | 418727.9 | 3741000.2 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES | HRDOW | | | | | | | | |
| L0001373 | | 0 | 0.13670E-05 | 418713.9 | 3741000.3 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES | HRDOW | | | | | | | | |
| L0001374 | | 0 | 0.13670E-05 | 418699.9 | 3741000.3 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES | HRDOW | | | | | | | | |
| L0001375 | | 0 | 0.13670E-05 | 418685.9 | 3741000.4 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES | HRDOW | | | | | | | | |
| L0001376 | | 0 | 0.13670E-05 | 418671.9 | 3741000.5 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES | HRDOW | | | | | | | | |
| L0001377 | | 0 | 0.13670E-05 | 418657.9 | 3741000.5 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES | HRDOW | | | | | | | | |
| L0001378 | | 0 | 0.13670E-05 | 418643.9 | 3741000.6 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES | HRDOW | | | | | | | | |
| L0001379 | | 0 | 0.13670E-05 | 418629.9 | 3741000.6 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES | HRDOW | | | | | | | | |
| L0001380 | | 0 | 0.13670E-05 | 418615.9 | 3741000.7 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES | HRDOW | | | | | | | | |
| L0001381 | | 0 | 0.13670E-05 | 418601.9 | 3741000.8 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES | HRDOW | | | | | | | | |
| L0001382 | | 0 | 0.13670E-05 | 418587.9 | 3741000.8 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES | HRDOW | | | | | | | | |
| L0001383 | | 0 | 0.13670E-05 | 418573.9 | 3741000.9 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES | HRDOW | | | | | | | | |
| L0001384 | | 0 | 0.13670E-05 | 418559.9 | 3741001.1 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES | HRDOW | | | | | | | | |
| L0001385 | | 0 | 0.13670E-05 | 418545.9 | 3741001.3 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES | HRDOW | | | | | | | | |
| L0001386 | | 0 | 0.13670E-05 | 418531.9 | 3741001.4 | 45.8 | 3.49 | 6.51 | 3.25 |
| YES | HRDOW | | | | | | | | |
| L0001387 | | 0 | 0.13670E-05 | 418517.9 | 3741001.6 | 45.7 | 3.49 | 6.51 | 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) | SCALAR | | | (METERS) | (METERS) | (METERS) | (METERS) | (METERS) | |
| | VARY | BY | | | | | | | |
| | CATS. | | | | | | | | |
| L0001388 | 0 | 0.13670E-05 | | 418503.9 | 3741001.8 | 45.6 | 3.49 | 6.51 | 3.25 |
| YES HRDOW | | | | | | | | | |
| L0001389 | 0 | 0.13670E-05 | | 418489.9 | 3741001.9 | 45.4 | 3.49 | 6.51 | 3.25 |
| YES HRDOW | | | | | | | | | |
| L0001390 | 0 | 0.13670E-05 | | 418475.9 | 3741002.1 | 45.3 | 3.49 | 6.51 | 3.25 |
| YES HRDOW | | | | | | | | | |
| L0001391 | 0 | 0.13670E-05 | | 418461.9 | 3741002.3 | 45.2 | 3.49 | 6.51 | 3.25 |
| YES HRDOW | | | | | | | | | |
| L0001392 | 0 | 0.13670E-05 | | 418447.9 | 3741002.4 | 45.2 | 3.49 | 6.51 | 3.25 |
| YES HRDOW | | | | | | | | | |
| L0001393 | 0 | 0.13670E-05 | | 418433.9 | 3741002.6 | 45.1 | 3.49 | 6.51 | 3.25 |
| YES HRDOW | | | | | | | | | |
| L0001394 | 0 | 0.13670E-05 | | 418419.9 | 3741002.8 | 45.1 | 3.49 | 6.51 | 3.25 |
| YES HRDOW | | | | | | | | | |
| L0001395 | 0 | 0.13670E-05 | | 418405.9 | 3741002.9 | 45.0 | 3.49 | 6.51 | 3.25 |
| YES HRDOW | | | | | | | | | |
| L0001396 | 0 | 0.13670E-05 | | 418391.9 | 3741003.1 | 45.0 | 3.49 | 6.51 | 3.25 |
| YES HRDOW | | | | | | | | | |
| L0001397 | 0 | 0.76810E-05 | | 420494.3 | 3740980.1 | 51.2 | 3.49 | 4.00 | 3.25 |
| YES HRDOW | | | | | | | | | |
| L0001398 | 0 | 0.76810E-05 | | 420485.7 | 3740980.2 | 51.1 | 3.49 | 4.00 | 3.25 |
| YES HRDOW | | | | | | | | | |
| L0001399 | 0 | 0.76810E-05 | | 420477.1 | 3740980.3 | 51.0 | 3.49 | 4.00 | 3.25 |
| YES HRDOW | | | | | | | | | |
| L0001400 | 0 | 0.76810E-05 | | 420468.5 | 3740980.3 | 51.0 | 3.49 | 4.00 | 3.25 |
| YES HRDOW | | | | | | | | | |
| L0001401 | 0 | 0.76810E-05 | | 420460.0 | 3740980.4 | 51.0 | 3.49 | 4.00 | 3.25 |
| YES HRDOW | | | | | | | | | |
| L0001402 | 0 | 0.76810E-05 | | 420451.4 | 3740980.4 | 51.0 | 3.49 | 4.00 | 3.25 |
| YES HRDOW | | | | | | | | | |
| L0001403 | 0 | 0.76810E-05 | | 420442.8 | 3740980.5 | 51.0 | 3.49 | 4.00 | 3.25 |
| YES HRDOW | | | | | | | | | |
| L0001404 | 0 | 0.76810E-05 | | 420434.2 | 3740980.5 | 51.0 | 3.49 | 4.00 | 3.25 |
| YES HRDOW | | | | | | | | | |
| L0001405 | 0 | 0.76810E-05 | | 420425.6 | 3740980.6 | 51.0 | 3.49 | 4.00 | 3.25 |
| YES HRDOW | | | | | | | | | |
| L0001406 | 0 | 0.76810E-05 | | 420417.0 | 3740980.7 | 51.0 | 3.49 | 4.00 | 3.25 |
| YES HRDOW | | | | | | | | | |
| L0001407 | 0 | 0.76810E-05 | | 420408.4 | 3740980.7 | 51.0 | 3.49 | 4.00 | 3.25 |
| YES HRDOW | | | | | | | | | |
| L0001408 | 0 | 0.76810E-05 | | 420399.8 | 3740980.8 | 51.0 | 3.49 | 4.00 | 3.25 |
| YES HRDOW | | | | | | | | | |
| L0001409 | 0 | 0.76810E-05 | | 420391.2 | 3740980.8 | 51.0 | 3.49 | 4.00 | 3.25 |
| YES HRDOW | | | | | | | | | |
| L0001410 | 0 | 0.76810E-05 | | 420382.7 | 3740980.9 | 51.0 | 3.49 | 4.00 | 3.25 |
| YES HRDOW | | | | | | | | | |
| L0001411 | 0 | 0.76810E-05 | | 420374.1 | 3740981.0 | 51.0 | 3.49 | 4.00 | 3.25 |

| ID | HRDOW | 0 | 0.76810E-05 | 420365.5 | 3740981.1 | 51.0 | 3.49 | 4.00 | 3.25 |
|----------|-------|---|-------------|----------|-----------|------|------|------|------|
| L0001412 | YES | 0 | 0.76810E-05 | 420365.5 | 3740981.1 | 51.0 | 3.49 | 4.00 | 3.25 |
| L0001413 | YES | 0 | 0.76810E-05 | 420356.9 | 3740981.1 | 51.0 | 3.49 | 4.00 | 3.25 |
| L0001414 | YES | 0 | 0.76810E-05 | 420348.3 | 3740981.2 | 51.0 | 3.49 | 4.00 | 3.25 |
| L0001415 | YES | 0 | 0.76810E-05 | 420339.7 | 3740981.3 | 51.0 | 3.49 | 4.00 | 3.25 |
| L0001416 | YES | 0 | 0.76810E-05 | 420331.1 | 3740981.4 | 51.0 | 3.49 | 4.00 | 3.25 |
| L0001417 | YES | 0 | 0.76810E-05 | 420322.5 | 3740981.5 | 51.0 | 3.49 | 4.00 | 3.25 |
| L0001418 | YES | 0 | 0.76810E-05 | 420313.9 | 3740981.6 | 50.9 | 3.49 | 4.00 | 3.25 |
| L0001419 | YES | 0 | 0.76810E-05 | 420305.3 | 3740981.7 | 50.8 | 3.49 | 4.00 | 3.25 |
| L0001420 | YES | 0 | 0.76810E-05 | 420296.8 | 3740981.8 | 50.7 | 3.49 | 4.00 | 3.25 |
| L0001421 | YES | 0 | 0.76810E-05 | 420288.2 | 3740981.8 | 50.5 | 3.49 | 4.00 | 3.25 |
| L0001422 | YES | 0 | 0.76810E-05 | 420279.6 | 3740981.9 | 50.4 | 3.49 | 4.00 | 3.25 |
| L0001423 | YES | 0 | 0.76810E-05 | 420271.0 | 3740982.0 | 50.3 | 3.49 | 4.00 | 3.25 |
| L0001424 | YES | 0 | 0.76810E-05 | 420262.4 | 3740982.1 | 50.2 | 3.49 | 4.00 | 3.25 |
| L0001425 | YES | 0 | 0.76810E-05 | 420253.8 | 3740982.2 | 50.1 | 3.49 | 4.00 | 3.25 |

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

| ALL | VOL1 | VOL2 | VOL3 | VOL4 | VOL5 | VOL6 |
|----------|------------|------------|------------|------------|------------|------------|
| L0001234 | , L0001235 | , | | | | |
| | L0001236 | , L0001237 | , L0001238 | , L0001239 | , L0001240 | , L0001241 |
| | L0001242 | , L0001243 | , | | | |
| | L0001244 | , L0001245 | , L0001246 | , L0001247 | , L0001248 | , L0001249 |
| | L0001250 | , L0001251 | , | | | |
| | L0001252 | , L0001253 | , L0001254 | , L0001255 | , L0001256 | , L0001257 |
| | L0001258 | , L0001259 | , | | | |
| | L0001260 | , L0001261 | , L0001262 | , L0001263 | , L0001264 | , L0001265 |
| | L0001266 | , L0001267 | , | | | |
| | L0001268 | , L0001269 | , L0001270 | , L0001271 | , L0001272 | , L0001273 |
| | L0001274 | , L0001275 | , | | | |
| | L0001276 | , L0001277 | , L0001278 | , L0001279 | , L0001280 | , L0001281 |
| | L0001282 | , L0001283 | , | | | |
| | L0001284 | , L0001285 | , L0001286 | , L0001287 | , L0001288 | , L0001289 |

L0001290 , L0001291 ,
L0001292 , L0001293 , L0001294 , L0001295 , L0001296 , L0001297 ,
L0001298 , L0001299 ,
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L0001386 , L0001387 ,

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*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

L0001388 , L0001389 , L0001390 , L0001391 , L0001392 , L0001393 ,
L0001394 , L0001395 ,
L0001396 , L0001397 , L0001398 , L0001399 , L0001400 , L0001401 ,
L0001402 , L0001403 ,
L0001404 , L0001405 , L0001406 , L0001407 , L0001408 , L0001409 ,
L0001410 , L0001411 ,
L0001412 , L0001413 , L0001414 , L0001415 , L0001416 , L0001417 ,
L0001418 , L0001419 ,
L0001420 , L0001421 , L0001422 , L0001423 , L0001424 , L0001425 ,

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*** MODELOPTs: RegDFault CONC ELEV URBAN ADJ_U*

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

| URBAN ID | URBAN POP | SOURCE IDs | | | | |
|----------|-----------|------------|------------|------------|------------|------------|
| ----- | ----- | ----- | | | | |
| | 3010232. | VOL1 | VOL2 | VOL3 | VOL4 | VOL5 |
| | VOL6 | , L0001234 | , | , | , | , |
| L0001235 | , | | | | | |
| | L0001236 | , L0001237 | , L0001238 | , L0001239 | , L0001240 | , L0001241 |
| | L0001242 | , L0001243 | , | | | |
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| | L0001300 | , L0001301 | , L0001302 | , L0001303 | , L0001304 | , L0001305 |
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| | L0001324 | , L0001325 | , L0001326 | , L0001327 | , L0001328 | , L0001329 |
| | L0001330 | , L0001331 | , | | | |
| | L0001332 | , L0001333 | , L0001334 | , L0001335 | , L0001336 | , L0001337 |
| | L0001338 | , L0001339 | , | | | |
| | L0001340 | , L0001341 | , L0001342 | , L0001343 | , L0001344 | , L0001345 |
| | L0001346 | , L0001347 | , | | | |
| | L0001348 | , L0001349 | , L0001350 | , L0001351 | , L0001352 | , L0001353 |
| | L0001354 | , L0001355 | , | | | |
| | L0001356 | , L0001357 | , L0001358 | , L0001359 | , L0001360 | , L0001361 |
| | L0001362 | , L0001363 | , | | | |

L0001364 , L0001365 , L0001366 , L0001367 , L0001368 , L0001369 ,
 L0001370 , L0001371 ,
 L0001372 , L0001373 , L0001374 , L0001375 , L0001376 , L0001377 ,
 L0001378 , L0001379 ,
 L0001380 , L0001381 , L0001382 , L0001383 , L0001384 , L0001385 ,
 L0001386 , L0001387 ,

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

| URBAN ID | URBAN POP | SOURCE IDs |
|----------|-----------|---|
| L0001388 | L0001389 | L0001390 , L0001391 , L0001392 , L0001393 , |
| L0001394 | L0001395 | , |
| L0001396 | L0001397 | L0001398 , L0001399 , L0001400 , L0001401 , |
| L0001402 | L0001403 | , |
| L0001404 | L0001405 | L0001406 , L0001407 , L0001408 , L0001409 , |
| L0001410 | L0001411 | , |
| L0001412 | L0001413 | L0001414 , L0001415 , L0001416 , L0001417 , |
| L0001418 | L0001419 | , |
| L0001420 | L0001421 | L0001422 , L0001423 , L0001424 , L0001425 , |

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = VOL1 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = 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 |

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0001234 ; 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 = L0001235 ; 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 = L0001236 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001237 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001238 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001239 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .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 = L0001240 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001241 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001242 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** AERMET - VERSION 16216 ***

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001243 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** AERMET - VERSION 16216 ***

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001244 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001245 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001246 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001247 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001248 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+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 = L0001249 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Struck\13101 Ops\1310 *** 10/24/22

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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 = L0001250 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001251 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001252 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001253 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

| | | | | | | | | | | | |
|----|-----------|----|-----------|----|-----------|----|-----------|----|-----------|----|-----------|
| 1 | .0000E+00 | 2 | .0000E+00 | 3 | .0000E+00 | 4 | .0000E+00 | 5 | .0000E+00 | 6 | .0000E+00 |
| 7 | .0000E+00 | 8 | .0000E+00 | 9 | .0000E+00 | 10 | .0000E+00 | 11 | .0000E+00 | 12 | .0000E+00 |
| 13 | .0000E+00 | 14 | .0000E+00 | 15 | .0000E+00 | 16 | .0000E+00 | 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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*** 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 = L0001254 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .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 = L0001255 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001256 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001257 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR

SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .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 ***
*** 12:13:41

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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 = L0001258 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001259 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

Table with 12 columns (1-12) and 6 rows of scalar values for Weekday. Values range from .0000E+00 to .1000E+01.

DAY OF WEEK = SATURDAY

Table with 12 columns (1-12) and 6 rows of scalar values for Saturday. All values are .0000E+00.

DAY OF WEEK = SUNDAY

Table with 12 columns (1-12) and 6 rows of scalar values for Sunday. All values are .0000E+00.

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*** AERMET - VERSION 16216 ***

*** 12:13:41

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001260 ; SOURCE TYPE = VOLUME :
HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR HOURLY SCALAR
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 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 = L0001261 ; SOURCE TYPE = VOLUME :

| SCALAR | SCALAR | SCALAR | SCALAR | SCALAR | SCALAR | SCALAR | SCALAR | SCALAR | SCALAR |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** AERMET - VERSION 16216 ***
*** 12:13:41

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001262 ; SOURCE TYPE = VOLUME :

| SCALAR | SCALAR | SCALAR | SCALAR | SCALAR | SCALAR | SCALAR | SCALAR | SCALAR | SCALAR |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

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

DAY OF WEEK = SUNDAY

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

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Struck\13101 Ops\1310 *** 10/24/22

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001263 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001264 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+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 = L0001265 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001266 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001267 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001268 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001269 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001270 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001271 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001272 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001273 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\13101 534 Struck\13101 Ops\1310 *** 10/24/22

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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 = L0001274 | | | | | | | | | | | |
| HOUR | SCALAR | HOUR | SCALAR | HOUR | SCALAR | HOUR | SCALAR | HOUR | SCALAR | HOUR | |
| SCALAR | HOUR | SCALAR | HOUR | SCALAR | | | | | | | |

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001275 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .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 = L0001276 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

.0000E+00 23 .0000E+00 24 .0000E+00
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*** AERMET - VERSION 16216 ***
*** 12:13:41

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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 = L0001277 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+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 = L0001278 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001279 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001280 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001281 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** 12:13:41

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001282 ; SOURCE TYPE = VOLUME :

HRAS

| HRAS | HRAS | HRAS | HRAS | HRAS | HRAS | HRAS | HRAS | HRAS | HRAS |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| HOUR SCALAR | SCALAR HOUR | HOUR SCALAR | SCALAR HOUR | HOUR SCALAR | SCALAR HOUR | HOUR SCALAR | SCALAR HOUR | HOUR SCALAR | SCALAR HOUR |

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

| | | | | | |
|--------------|--------------|--------------|--------------|--------------|--------------|
| 1 .0000E+00 | 2 .0000E+00 | 3 .0000E+00 | 4 .0000E+00 | 5 .0000E+00 | 6 .0000E+00 |
| .0000E+00 | 7 .0000E+00 | 8 .0000E+00 | | | |
| 9 .0000E+00 | 10 .0000E+00 | 11 .0000E+00 | 12 .0000E+00 | 13 .0000E+00 | 14 .0000E+00 |
| .0000E+00 | 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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*** 12:13:41

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001283 ; SOURCE TYPE = VOLUME :

| HRAS | HRAS | HRAS | HRAS | HRAS | HRAS | HRAS | HRAS | HRAS | HRAS |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| HOUR SCALAR | SCALAR HOUR | HOUR SCALAR | SCALAR HOUR | HOUR SCALAR | SCALAR HOUR | HOUR SCALAR | SCALAR HOUR | HOUR SCALAR | SCALAR HOUR |

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** AERMET - VERSION 16216 ***

*** 12:13:41

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001284 ; 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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Struck\13101 Ops\1310 *** 10/24/22

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001285 ; 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 = L0001286 ; 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 = L0001287 ; 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 = L0001288 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001289 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+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 = L0001290 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+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 = L0001291 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001292 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001293 ; SOURCE TYPE = VOLUME :

Hourly scalar values for weekdays (hours 1-24).

DAY OF WEEK = WEEKDAY

Hourly scalar values for weekdays (hours 1-24).

DAY OF WEEK = SATURDAY

Hourly scalar values for Saturdays (hours 1-24).

DAY OF WEEK = SUNDAY

Hourly scalar values for Sundays (hours 1-24).

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001294 ; SOURCE TYPE = VOLUME :

Hourly scalar values for weekdays (hours 1-24).

DAY OF WEEK = WEEKDAY

Hourly scalar values for weekdays (hours 1-24).

DAY OF WEEK = SATURDAY

Hourly scalar values for Saturdays (hours 1-24).

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001295 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Struck\13101 Ops\1310 *** 10/24/22

*** AERMET - VERSION 16216 ***

*** 12:13:41

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001296 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Struck\13101 Ops\1310 *** 10/24/22
*** AERMET - VERSION 16216 ***
*** 12:13:41

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001297 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001298 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

| | | | | | | | | | | | |
|----|-----------|----|-----------|----|-----------|----|-----------|----|-----------|----|--|
| 1 | .0000E+00 | 2 | .0000E+00 | 3 | .0000E+00 | 4 | .0000E+00 | 5 | .0000E+00 | 6 | |
| | .0000E+00 | 7 | .0000E+00 | 8 | .0000E+00 | | | | | | |
| 9 | .0000E+00 | 10 | .0000E+00 | 11 | .0000E+00 | 12 | .0000E+00 | 13 | .0000E+00 | 14 | |
| | .0000E+00 | 15 | .0000E+00 | 16 | .0000E+00 | | | | | | |
| 17 | .0000E+00 | 18 | .0000E+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 = L0001299 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001300 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001301 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001302 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001303 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001304 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001305 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+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 = L0001306 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+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 = L0001307 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** 12:13:41

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001308 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Struck\13101 Ops\1310 *** 10/24/22
*** AERMET - VERSION 16216 ***

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001309 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** AERMET - VERSION 16216 ***

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001310 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001311 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001312 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001313 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001314 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+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 = L0001315 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+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 = L0001316 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001317 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
 .0000E+00 7 .0000E+00 8 .0000E+00
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
 .0000E+00 15 .0000E+00 16 .0000E+00
 17 .0000E+00 18 .0000E+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 = L0001318 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

| | | | | | | | | | | | |
|----|-----------|----|-----------|----|-----------|----|-----------|----|-----------|----|-----------|
| 1 | .0000E+00 | 2 | .0000E+00 | 3 | .0000E+00 | 4 | .0000E+00 | 5 | .0000E+00 | 6 | .0000E+00 |
| 7 | .0000E+00 | 8 | .0000E+00 | 9 | .0000E+00 | 10 | .0000E+00 | 11 | .0000E+00 | 12 | .0000E+00 |
| 13 | .0000E+00 | 14 | .0000E+00 | 15 | .0000E+00 | 16 | .0000E+00 | 17 | .0000E+00 | 18 | .0000E+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 = L0001319 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

| | | | | | | | | | | | |
|----|-----------|----|-----------|----|-----------|----|-----------|----|-----------|----|-----------|
| 1 | .0000E+00 | 2 | .0000E+00 | 3 | .0000E+00 | 4 | .0000E+00 | 5 | .0000E+00 | 6 | .0000E+00 |
| 7 | .0000E+00 | 8 | .0000E+00 | 9 | .0000E+00 | 10 | .0000E+00 | 11 | .0000E+00 | 12 | .0000E+00 |
| 13 | .0000E+00 | 14 | .0000E+00 | 15 | .0000E+00 | 16 | .0000E+00 | 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 = L0001320 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001321 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** 12:13:41

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001322 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001322 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR

SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+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 = L0001324 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .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 = L0001325 ; 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 = L0001326 ; 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 = L0001327 ; SOURCE TYPE = VOLUME :

| SCALAR | SCALAR | SCALAR | SCALAR | SCALAR | SCALAR | SCALAR | SCALAR | SCALAR | SCALAR |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001328 ; SOURCE TYPE = VOLUME :

| SCALAR | SCALAR | SCALAR | SCALAR | SCALAR | SCALAR | SCALAR | SCALAR | SCALAR | SCALAR |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

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

DAY OF WEEK = SUNDAY

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

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*** AERMET - VERSION 16216 ***

*** 12:13:41

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001329 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** 12:13:41

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001330 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Struck\13101 Ops\1310 *** 10/24/22

*** AERMET - VERSION 16216 ***

*** 12:13:41

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001331 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .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 = L0001332 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Struck\13101 Ops\1310 *** 10/24/22

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001333 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+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 = L0001334 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+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 = L0001335 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001336 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001337 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001338 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001338 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Struck\13101 Ops\1310 *** 10/24/22

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001340 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001341 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** 12:13:41

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001342 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

.0000E+00 23 .0000E+00 24 .0000E+00
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*** AERMET - VERSION 16216 ***
*** 12:13:41

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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 = L0001343 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Struck\13101 Ops\1310 *** 10/24/22
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001344 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

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

DAY OF WEEK = SUNDAY

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

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Struck\13101 Ops\1310 *** 10/24/22

*** AERMET - VERSION 16216 ***

*** *** 12:13:41

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001345 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001346 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001347 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001348 ; SOURCE TYPE = VOLUME :

HOURLY SCALAR DATA HEADERS

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001349 ; SOURCE TYPE = VOLUME :

HOURLY SCALAR DATA HEADERS

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
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*** 12:13:41

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001350 ; 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 = L0001351 ; 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 = L0001352 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001353 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

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

DAY OF WEEK = SUNDAY

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

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*** AERMET - VERSION 16216 ***

*** 12:13:41

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001354 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Struck\13101 Ops\1310 *** 10/24/22

*** AERMET - VERSION 16216 ***

*** 12:13:41

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001355 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001356 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+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 = L0001357 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001358 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001359 ; SOURCE TYPE = VOLUME :

Hourly scalar values for source L0001359 across 24 hours.

DAY OF WEEK = WEEKDAY

Hourly scalar values for Weekdays (Days 1-24).

DAY OF WEEK = SATURDAY

Hourly scalar values for Saturdays (Days 1-24).

DAY OF WEEK = SUNDAY

Hourly scalar values for Sundays (Days 1-24).

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001360 ; SOURCE TYPE = VOLUME :

Hourly scalar values for source L0001360 across 24 hours.

DAY OF WEEK = WEEKDAY

Hourly scalar values for Weekdays (Days 1-24).

DAY OF WEEK = SATURDAY

Hourly scalar values for Saturdays (Days 1-24).

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001361 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001362 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

| | | | | | | | | | | | |
|----|-----------|----|-----------|----|-----------|----|-----------|----|-----------|----|-----------|
| 1 | .0000E+00 | 2 | .0000E+00 | 3 | .0000E+00 | 4 | .0000E+00 | 5 | .0000E+00 | 6 | .0000E+00 |
| 7 | .0000E+00 | 8 | .0000E+00 | 9 | .1000E+01 | 10 | .1000E+01 | 11 | .1000E+01 | 12 | .1000E+01 |
| 13 | .1000E+01 | 14 | .1000E+01 | 15 | .1000E+01 | 16 | .1000E+01 | 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 = L0001363 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

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

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

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001363 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

| | | | | | | | | | | | |
|----|-----------|----|-----------|----|-----------|----|-----------|----|-----------|----|--|
| 1 | .0000E+00 | 2 | .0000E+00 | 3 | .0000E+00 | 4 | .0000E+00 | 5 | .0000E+00 | 6 | |
| | .0000E+00 | 7 | .0000E+00 | 8 | .0000E+00 | | | | | | |
| 9 | .0000E+00 | 10 | .0000E+00 | 11 | .0000E+00 | 12 | .0000E+00 | 13 | .0000E+00 | 14 | |
| | .0000E+00 | 15 | .0000E+00 | 16 | .0000E+00 | | | | | | |
| 17 | .0000E+00 | 18 | .0000E+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 = L0001365 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001366 ; 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 = L0001367 ; 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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*** 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 = L0001368 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001369 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001370 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001371 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+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 = L0001372 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+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 = L0001373 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001374 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** AERMET - VERSION 16216 ***

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001375 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

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

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

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

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*** AERMET - VERSION 16216 ***

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001376 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

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

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

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

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001377 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001378 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Struck\13101 Ops\1310 *** 10/24/22

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001379 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Struck\13101 Ops\1310 *** 10/24/22

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001380 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** 12:13:41

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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 = L0001381 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Struck\13101 Ops\1310 *** 10/24/22

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001382 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
 .0000E+00 7 .0000E+00 8 .0000E+00
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
 .0000E+00 15 .0000E+00 16 .0000E+00
 17 .0000E+00 18 .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 = L0001383 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
 .0000E+00 7 .0000E+00 8 .0000E+00
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
 .0000E+00 15 .0000E+00 16 .0000E+00
 17 .0000E+00 18 .0000E+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 = L0001384 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

| | | | | | | | | | | | |
|----|-----------|----|-----------|----|-----------|----|-----------|----|-----------|----|-----------|
| 1 | .0000E+00 | 2 | .0000E+00 | 3 | .0000E+00 | 4 | .0000E+00 | 5 | .0000E+00 | 6 | .0000E+00 |
| | .0000E+00 | 7 | .0000E+00 | 8 | .0000E+00 | | | | | | |
| 9 | .0000E+00 | 10 | .0000E+00 | 11 | .0000E+00 | 12 | .0000E+00 | 13 | .0000E+00 | 14 | .0000E+00 |
| | .0000E+00 | 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 = L0001385 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .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 = L0001386 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** 12:13:41

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001387 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** 12:13:41

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001388 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Struck\13101 Ops\1310 *** 10/24/22

*** AERMET - VERSION 16216 ***

*** 12:13:41

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001388 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR

SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** 12:13:41

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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 = L0001390 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\13101 534
Struck\13101 Ops\1310 *** 10/24/22

*** AERMET - VERSION 16216 ***

*** 12:13:41

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001391 ; 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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Struck\13101 Ops\1310 *** 10/24/22

*** AERMET - VERSION 16216 ***

*** 12:13:41

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001392 ; 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 = L0001393 ; SOURCE TYPE = VOLUME :

| HOURLY SCALAR | HOURLY SCALAR | HOURLY SCALAR | HOURLY SCALAR | HOURLY SCALAR | HOURLY SCALAR | HOURLY SCALAR | HOURLY SCALAR | HOURLY SCALAR | HOURLY SCALAR |
|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001394 ; SOURCE TYPE = VOLUME :

| HOURLY SCALAR | HOURLY SCALAR | HOURLY SCALAR | HOURLY SCALAR | HOURLY SCALAR | HOURLY SCALAR | HOURLY SCALAR | HOURLY SCALAR | HOURLY SCALAR | HOURLY SCALAR |
|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001395 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001396 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** 12:13:41

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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 = L0001397 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .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 ***
*** 12:13:41

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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 = L0001398 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Struck\13101 Ops\1310 *** 10/24/22

*** AERMET - VERSION 16216 ***

12:13:41

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001399 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+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 = L0001400 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Struck\13101 Ops\1310 *** 10/24/22
*** AERMET - VERSION 16216 ***

*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001401 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .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 = L0001402 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Struck\13101 Ops\1310 *** 10/24/22

*** AERMET - VERSION 16216 ***

*** 12:13:41

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001403 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .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 = L0001404 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001405 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

| | | | | | | | | | | | |
|----------------------|--------|--------|--------|--------|--------|------|--------|------|--------|------|--|
| SOURCE ID = L0001406 | | | | | | | | | | | |
| HOUR | SCALAR | HOUR | SCALAR | HOUR | SCALAR | HOUR | SCALAR | HOUR | SCALAR | HOUR | |
| SCALAR | HOUR | SCALAR | HOUR | SCALAR | | | | | | | |

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001407 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001408 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 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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Struck\13101 Ops\1310 *** 10/24/22
*** AERMET - VERSION 16216 ***
*** 12:13:41

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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 = L0001409 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Struck\13101 Ops\1310 *** 10/24/22
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*** 12:13:41

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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 = L0001410 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

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

DAY OF WEEK = SUNDAY

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

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*** *** 12:13:41

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001411 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001412 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001413 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .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 = L0001414 ; SOURCE TYPE = VOLUME :

HOURLY SCALAR DATA

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001415 ; SOURCE TYPE = VOLUME :

HOURLY SCALAR DATA

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** 12:13:41

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001416 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001417 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001418 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001419 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .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 = L0001420 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .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 = L0001421 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+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 = L0001422 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Struck\13101 Ops\1310 *** 10/24/22

*** AERMET - VERSION 16216 ***

*** 12:13:41

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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 = L0001423 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** 12:13:41

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001424 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\13101 534

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0001425 ; SOURCE TYPE = VOLUME :

Hourly scalar values for days 1 through 24, with columns for HOUR and SCALAR.

DAY OF WEEK = WEEKDAY

Hourly scalar values for Weekdays (Days 1-24).

DAY OF WEEK = SATURDAY

Hourly scalar values for Saturdays (Days 1-24).

DAY OF WEEK = SUNDAY

Hourly scalar values for Sundays (Days 1-24).

*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\13101 534

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

List of discrete Cartesian receptors with coordinates (X, Y, Z) and flags.

| | | | | | | | | | | | | |
|----------|------|-------|-------|--------|--------|-------|------|-------|------|------|------|------|
| 12 01 01 | 1 15 | 115.3 | 0.275 | 1.688 | 0.005 | 1517. | 346. | -16.3 | 0.12 | 2.65 | 0.24 | 2.25 |
| 248. | 5.8 | 298.1 | 2.0 | | | | | | | | | |
| 12 01 01 | 1 16 | 41.5 | 0.262 | 1.211 | 0.005 | 1552. | 322. | -39.2 | 0.12 | 2.65 | 0.33 | 2.32 |
| 227. | 5.8 | 295.9 | 2.0 | | | | | | | | | |
| 12 01 01 | 1 17 | -17.9 | 0.217 | -9.000 | -9.000 | -999. | 244. | 52.0 | 0.12 | 2.65 | 0.60 | 2.18 |
| 227. | 5.8 | 292.5 | 2.0 | | | | | | | | | |
| 12 01 01 | 1 18 | -24.7 | 0.250 | -9.000 | -9.000 | -999. | 300. | 68.7 | 0.12 | 2.65 | 1.00 | 2.50 |
| 219. | 5.8 | 288.8 | 2.0 | | | | | | | | | |
| 12 01 01 | 1 19 | -5.2 | 0.088 | -9.000 | -9.000 | -999. | 91. | 12.0 | 0.12 | 2.65 | 1.00 | 0.94 |
| 201. | 5.8 | 287.5 | 2.0 | | | | | | | | | |
| 12 01 01 | 1 20 | -3.5 | 0.073 | -9.000 | -9.000 | -999. | 47. | 10.0 | 0.12 | 2.65 | 1.00 | 0.77 |
| 259. | 5.8 | 287.0 | 2.0 | | | | | | | | | |
| 12 01 01 | 1 21 | -2.6 | 0.064 | -9.000 | -9.000 | -999. | 39. | 9.1 | 0.12 | 2.65 | 1.00 | 0.65 |
| 264. | 5.8 | 286.4 | 2.0 | | | | | | | | | |
| 12 01 01 | 1 22 | -4.4 | 0.081 | -9.000 | -9.000 | -999. | 55. | 10.9 | 0.12 | 2.65 | 1.00 | 0.86 |
| 211. | 5.8 | 285.9 | 2.0 | | | | | | | | | |
| 12 01 01 | 1 23 | -4.2 | 0.079 | -9.000 | -9.000 | -999. | 53. | 10.7 | 0.12 | 2.65 | 1.00 | 0.84 |
| 247. | 5.8 | 284.9 | 2.0 | | | | | | | | | |
| 12 01 01 | 1 24 | -7.1 | 0.103 | -9.000 | -9.000 | -999. | 80. | 14.1 | 0.12 | 2.65 | 1.00 | 1.09 |
| 236. | 5.8 | 283.8 | 2.0 | | | | | | | | | |

First hour of profile data

| YR | MO | DY | HR | HEIGHT | F | WDIR | WSPD | AMB_TMP | sigmaA | sigmaW | sigmaV |
|----|----|----|----|--------|---|------|------|---------|--------|--------|--------|
| 12 | 01 | 01 | 01 | 5.8 | 1 | 62. | 0.87 | 283.8 | 99.0 | -99.00 | -99.00 |

F indicates top of profile (=1) or below (=0)

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 Struck\13101 Ops\1310 *** 10/24/22
 *** AERMET - VERSION 16216 ***
 *** 12:13:41

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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): | | | | VOL1 | VOL2 | |
|----------------------|------------|------------|------------|------------|------|--|
| VOL3 | | | | VOL4 | VOL5 | |
| VOL6 | , L0001234 | , L0001235 | , L0001236 | , L0001237 | , | |
| L0001238 | , L0001239 | , L0001240 | , L0001241 | , L0001242 | , | |
| L0001241 | , L0001242 | , L0001243 | , L0001244 | , L0001245 | , | |
| L0001246 | , L0001247 | , L0001248 | , L0001249 | , L0001250 | , | |
| L0001249 | , L0001250 | , L0001251 | , L0001252 | , L0001253 | , | |
| L0001254 | , L0001255 | , . . . | , | | | |

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD |
|-------------|-------------|---------|-------------|---------|
| 420489.44 | 3740719.07 | 0.00731 | 420518.47 | |
| 3740719.33 | 0.00871 | | | |
| 420581.74 | 3740693.44 | 0.00457 | 420652.08 | |
| 3740913.60 | 0.02454 | | | |
| 420651.04 | 3740870.98 | 0.02519 | 420462.12 | |
| 3740751.68 | 0.00887 | | | |
| 420464.12 | 3740795.25 | 0.01149 | 420462.79 | |
| 3740816.58 | 0.01136 | | | |
| 420460.34 | 3740849.26 | 0.01170 | 420464.12 | |
| 3740871.04 | 0.01223 | | | |
| 420464.12 | 3740900.15 | 0.01192 | 420463.67 | |

| | | | |
|------------|------------|---------|-----------|
| 3740956.60 | 0.01141 | | |
| 420464.12 | 3740925.71 | 0.01247 | 420666.31 |
| 3740939.99 | 0.01999 | | |
| 420666.09 | 3740979.55 | 0.01779 | 420520.28 |
| 3741000.00 | 0.01678 | | |
| 420469.60 | 3740999.11 | 0.01335 | 420622.08 |
| 3740985.55 | 0.02641 | | |
| 420680.09 | 3740982.66 | 0.01480 | 420675.87 |
| 3740988.00 | 0.01511 | | |
| 420680.76 | 3741013.34 | 0.01226 | 420691.20 |
| 3741071.79 | 0.00752 | | |
| 420851.02 | 3740971.38 | 0.00291 | 420850.23 |
| 3740837.23 | 0.00166 | | |
| 420850.23 | 3740862.86 | 0.00193 | 420847.88 |
| 3740762.97 | 0.00100 | | |
| 420332.21 | 3740970.21 | 0.00766 | 420279.08 |
| 3740969.99 | 0.00619 | | |
| 420256.63 | 3740920.20 | 0.00133 | 420201.29 |
| 3740949.99 | 0.00088 | | |
| 420255.52 | 3740874.86 | 0.00096 | 420268.19 |
| 3741003.78 | 0.00580 | | |
| 420357.77 | 3741015.33 | 0.00687 | 420220.40 |
| 3740996.22 | 0.00159 | | |
| 420220.40 | 3741055.34 | 0.00118 | 420257.74 |
| 3741063.57 | 0.00202 | | |
| 420269.97 | 3741108.02 | 0.00148 | 420258.63 |
| 3741157.37 | 0.00155 | | |
| 420219.96 | 3741156.92 | 0.00087 | 420259.52 |
| 3741290.06 | 0.00096 | | |
| 420260.63 | 3741208.93 | 0.00140 | 420194.40 |
| 3741276.28 | 0.00067 | | |
| 420211.96 | 3741208.93 | 0.00067 | 420212.62 |
| 3741340.08 | 0.00099 | | |
| 420278.19 | 3741340.08 | 0.00059 | 420142.88 |
| 3741357.17 | 0.00073 | | |
| 420608.80 | 3741057.37 | 0.00933 | 420511.99 |
| 3740553.90 | 0.00071 | | |
| 420488.43 | 3740559.01 | 0.00072 | 420469.97 |
| 3740559.01 | 0.00070 | | |
| 420450.63 | 3740557.68 | 0.00067 | 420375.94 |
| 3740561.46 | 0.00057 | | |
| 420717.99 | 3741113.42 | | |
| 0.00519 | | | |

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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 AVERAGE CONC RECEPTOR (XR, YR, ZELEV, ZHILL,
 ZFLAG) OF TYPE GRID-ID

ALL 1ST HIGHEST VALUE IS 0.02641 AT (420622.08, 3740985.55, 52.88,
52.88, 0.00) DC
2ND HIGHEST VALUE IS 0.02519 AT (420651.04, 3740870.98, 53.00,
53.00, 0.00) DC
3RD HIGHEST VALUE IS 0.02454 AT (420652.08, 3740913.60, 53.00,
53.00, 0.00) DC
4TH HIGHEST VALUE IS 0.01999 AT (420666.31, 3740939.99, 53.00,
53.00, 0.00) DC
5TH HIGHEST VALUE IS 0.01779 AT (420666.09, 3740979.55, 53.00,
53.00, 0.00) DC
6TH HIGHEST VALUE IS 0.01678 AT (420520.28, 3741000.00, 51.56,
51.56, 0.00) DC
7TH HIGHEST VALUE IS 0.01511 AT (420675.87, 3740988.00, 53.00,
53.00, 0.00) DC
8TH HIGHEST VALUE IS 0.01480 AT (420680.09, 3740982.66, 53.00,
53.00, 0.00) DC
9TH HIGHEST VALUE IS 0.01335 AT (420469.60, 3740999.11, 51.00,
51.00, 0.00) DC
10TH HIGHEST VALUE IS 0.01247 AT (420464.12, 3740925.71, 51.00,
51.00, 0.00) DC

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

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Struck\13101 Ops\1310 *** 10/24/22
*** 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 1864 Informational Message(s)
A Total of 43848 Hours Were Processed
A Total of 1500 Calm Hours Identified
A Total of 364 Missing Hours Identified (0.83 Percent)

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

***** WARNING MESSAGES *****
ME W186 2915 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 2915 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** AERMOD Finishes Successfully ***

**

**
** AERMOD Input Produced by:
** AERMOD View Ver. 11.0.0
** Lakes Environmental Software Inc.
** Date: 10/24/2022
** File: C:\Users\Michael Tirohn\Desktop\HRAs\13101 534 Struck\13101 Ops\13101 Ops.ADI
**

**
**

** AERMOD Control Pathway

**
**

CO STARTING
TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\13101 534 Struck\13101 Ops\1310
MODELOPT DFAULT CONC
AVERTIME ANNUAL
URBANOPT 3010232 Orange_County
POLLUTID DPM
RUNORNOT RUN
ERRORFIL "13101 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 W
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 8.316E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 420512.906, 3740929.679, 51.87, 3.49, 4.00
** 420512.133, 3740769.232, 51.71, 3.49, 4.00
** -----

| LOCATION | VOLUME | X Coord. | Y Coord. | Z |
|----------|------------|-------------|----------|---|
| L0000400 | 420512.886 | 3740925.384 | 51.47 | |
| L0000401 | 420512.844 | 3740916.794 | 51.47 | |
| L0000402 | 420512.803 | 3740908.204 | 51.47 | |
| L0000403 | 420512.761 | 3740899.614 | 51.48 | |
| L0000404 | 420512.720 | 3740891.024 | 51.48 | |
| L0000405 | 420512.679 | 3740882.434 | 51.48 | |
| L0000406 | 420512.637 | 3740873.845 | 51.48 | |
| L0000407 | 420512.596 | 3740865.255 | 51.48 | |
| L0000408 | 420512.554 | 3740856.665 | 51.48 | |
| L0000409 | 420512.513 | 3740848.075 | 51.48 | |
| L0000410 | 420512.472 | 3740839.485 | 51.48 | |
| L0000411 | 420512.430 | 3740830.895 | 51.48 | |
| L0000412 | 420512.389 | 3740822.305 | 51.48 | |
| L0000413 | 420512.347 | 3740813.715 | 51.48 | |
| L0000414 | 420512.306 | 3740805.125 | 51.48 | |
| L0000415 | 420512.265 | 3740796.535 | 51.48 | |
| L0000416 | 420512.223 | 3740787.946 | 51.48 | |

LOCATION L0000417 VOLUME 420512.182 3740779.356 51.48
LOCATION L0000418 VOLUME 420512.140 3740770.766 51.46

** End of LINE VOLUME Source ID = SLINE1

**

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE2

** DESCRSRC Idle E

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 8.316E-06

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 2

** 420562.200, 3740929.292, 52.14, 3.49, 4.00

** 420560.267, 3740768.458, 51.98, 3.49, 4.00

**

LOCATION L0000419 VOLUME 420562.149 3740924.998 52.11
LOCATION L0000420 VOLUME 420562.045 3740916.408 52.11
LOCATION L0000421 VOLUME 420561.942 3740907.819 52.11
LOCATION L0000422 VOLUME 420561.839 3740899.229 52.11
LOCATION L0000423 VOLUME 420561.736 3740890.640 52.11
LOCATION L0000424 VOLUME 420561.632 3740882.051 52.11
LOCATION L0000425 VOLUME 420561.529 3740873.461 52.11
LOCATION L0000426 VOLUME 420561.426 3740864.872 52.11
LOCATION L0000427 VOLUME 420561.323 3740856.283 52.10
LOCATION L0000428 VOLUME 420561.220 3740847.693 52.09
LOCATION L0000429 VOLUME 420561.116 3740839.104 52.08
LOCATION L0000430 VOLUME 420561.013 3740830.514 52.07
LOCATION L0000431 VOLUME 420560.910 3740821.925 52.06
LOCATION L0000432 VOLUME 420560.807 3740813.336 52.05
LOCATION L0000433 VOLUME 420560.703 3740804.746 52.04
LOCATION L0000434 VOLUME 420560.600 3740796.157 52.03
LOCATION L0000435 VOLUME 420560.497 3740787.568 52.02
LOCATION L0000436 VOLUME 420560.394 3740778.978 52.01
LOCATION L0000437 VOLUME 420560.290 3740770.389 51.97

** End of LINE VOLUME Source ID = SLINE2

**

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE3

** DESCRSRC Struck 100%

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 3.272E-06

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 2

** 420590.323, 3740978.055, 52.52, 3.49, 4.00

** 420252.515, 3740981.518, 50.02, 3.49, 4.00

**

LOCATION L0000438 VOLUME 420586.028 3740978.099 52.42
LOCATION L0000439 VOLUME 420577.439 3740978.187 52.31
LOCATION L0000440 VOLUME 420568.849 3740978.275 52.19
LOCATION L0000441 VOLUME 420560.260 3740978.363 52.08
LOCATION L0000442 VOLUME 420551.670 3740978.451 51.97
LOCATION L0000443 VOLUME 420543.081 3740978.539 51.86
LOCATION L0000444 VOLUME 420534.491 3740978.627 51.75
LOCATION L0000445 VOLUME 420525.902 3740978.716 51.64
LOCATION L0000446 VOLUME 420517.312 3740978.804 51.53
LOCATION L0000447 VOLUME 420508.722 3740978.892 51.41
LOCATION L0000448 VOLUME 420500.133 3740978.980 51.30
LOCATION L0000449 VOLUME 420491.543 3740979.068 51.19
LOCATION L0000450 VOLUME 420482.954 3740979.156 51.08
LOCATION L0000451 VOLUME 420474.364 3740979.244 51.00
LOCATION L0000452 VOLUME 420465.775 3740979.332 51.00

| LOCATION | VOLUME | | | | |
|----------|------------|-------------|-------|--|--|
| L0000453 | 420457.185 | 3740979.420 | 51.00 | | |
| L0000454 | 420448.596 | 3740979.508 | 51.00 | | |
| L0000455 | 420440.006 | 3740979.596 | 51.00 | | |
| L0000456 | 420431.417 | 3740979.684 | 51.00 | | |
| L0000457 | 420422.827 | 3740979.772 | 51.00 | | |
| L0000458 | 420414.237 | 3740979.860 | 51.00 | | |
| L0000459 | 420405.648 | 3740979.948 | 51.00 | | |
| L0000460 | 420397.058 | 3740980.036 | 51.00 | | |
| L0000461 | 420388.469 | 3740980.124 | 51.00 | | |
| L0000462 | 420379.879 | 3740980.213 | 51.00 | | |
| L0000463 | 420371.290 | 3740980.301 | 51.00 | | |
| L0000464 | 420362.700 | 3740980.389 | 51.00 | | |
| L0000465 | 420354.111 | 3740980.477 | 51.00 | | |
| L0000466 | 420345.521 | 3740980.565 | 51.00 | | |
| L0000467 | 420336.931 | 3740980.653 | 51.00 | | |
| L0000468 | 420328.342 | 3740980.741 | 51.00 | | |
| L0000469 | 420319.752 | 3740980.829 | 50.96 | | |
| L0000470 | 420311.163 | 3740980.917 | 50.85 | | |
| L0000471 | 420302.573 | 3740981.005 | 50.74 | | |
| L0000472 | 420293.984 | 3740981.093 | 50.63 | | |
| L0000473 | 420285.394 | 3740981.181 | 50.52 | | |
| L0000474 | 420276.805 | 3740981.269 | 50.41 | | |
| L0000475 | 420268.215 | 3740981.357 | 50.30 | | |
| L0000476 | 420259.626 | 3740981.445 | 50.18 | | |

** End of LINE VOLUME Source ID = SLINE3

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE4

** DESCRSRC Batavia S 5%

** PREFIX

** Length of Side = 14.00

** Configuration = Adjacent

** Emission Rate = 1.8E-07

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 2

** 420240.766, 3740982.239, 49.99, 3.49, 6.51

** 420236.152, 3740610.534, 49.05, 3.49, 6.51

** -----

| | | | | | |
|-------------------|-------------------|-------------|-------|--|--|
| LOCATION L0000477 | VOLUME 420240.679 | 3740975.239 | 49.94 | | |
| LOCATION L0000478 | VOLUME 420240.505 | 3740961.240 | 49.94 | | |
| LOCATION L0000479 | VOLUME 420240.332 | 3740947.241 | 49.94 | | |
| LOCATION L0000480 | VOLUME 420240.158 | 3740933.242 | 49.94 | | |
| LOCATION L0000481 | VOLUME 420239.984 | 3740919.243 | 49.94 | | |
| LOCATION L0000482 | VOLUME 420239.810 | 3740905.244 | 49.94 | | |
| LOCATION L0000483 | VOLUME 420239.637 | 3740891.246 | 49.94 | | |
| LOCATION L0000484 | VOLUME 420239.463 | 3740877.247 | 49.93 | | |
| LOCATION L0000485 | VOLUME 420239.289 | 3740863.248 | 49.93 | | |
| LOCATION L0000486 | VOLUME 420239.115 | 3740849.249 | 49.93 | | |
| LOCATION L0000487 | VOLUME 420238.941 | 3740835.250 | 49.93 | | |
| LOCATION L0000488 | VOLUME 420238.768 | 3740821.251 | 49.93 | | |
| LOCATION L0000489 | VOLUME 420238.594 | 3740807.252 | 49.93 | | |
| LOCATION L0000490 | VOLUME 420238.420 | 3740793.253 | 49.93 | | |
| LOCATION L0000491 | VOLUME 420238.246 | 3740779.254 | 49.93 | | |
| LOCATION L0000492 | VOLUME 420238.073 | 3740765.255 | 49.82 | | |
| LOCATION L0000493 | VOLUME 420237.899 | 3740751.256 | 49.68 | | |
| LOCATION L0000494 | VOLUME 420237.725 | 3740737.257 | 49.53 | | |
| LOCATION L0000495 | VOLUME 420237.551 | 3740723.258 | 49.39 | | |
| LOCATION L0000496 | VOLUME 420237.377 | 3740709.260 | 49.25 | | |
| LOCATION L0000497 | VOLUME 420237.204 | 3740695.261 | 49.11 | | |
| LOCATION L0000498 | VOLUME 420237.030 | 3740681.262 | 49.00 | | |
| LOCATION L0000499 | VOLUME 420236.856 | 3740667.263 | 49.00 | | |
| LOCATION L0000500 | VOLUME 420236.682 | 3740653.264 | 49.00 | | |
| LOCATION L0000501 | VOLUME 420236.509 | 3740639.265 | 49.00 | | |
| LOCATION L0000502 | VOLUME 420236.335 | 3740625.266 | 49.00 | | |
| LOCATION L0000503 | VOLUME 420236.161 | 3740611.267 | 49.00 | | |

** End of LINE VOLUME Source ID = SLINE4

**

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE5

** DESCRSRC Batavia 95%

** PREFIX

** Length of Side = 14.00

** Configuration = Adjacent

** Emission Rate = 2.43E-06

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 2

** 420240.191, 3740982.525, 49.98, 3.49, 6.51

** 420242.414, 3741246.663, 50.01, 3.49, 6.51

**

| | | | | | |
|----------|----------|--------|------------|-------------|-------|
| LOCATION | L0000504 | VOLUME | 420240.250 | 3740989.524 | 49.93 |
| LOCATION | L0000505 | VOLUME | 420240.368 | 3741003.524 | 49.93 |
| LOCATION | L0000506 | VOLUME | 420240.486 | 3741017.523 | 49.93 |
| LOCATION | L0000507 | VOLUME | 420240.603 | 3741031.523 | 49.93 |
| LOCATION | L0000508 | VOLUME | 420240.721 | 3741045.522 | 49.93 |
| LOCATION | L0000509 | VOLUME | 420240.839 | 3741059.522 | 49.94 |
| LOCATION | L0000510 | VOLUME | 420240.957 | 3741073.521 | 49.95 |
| LOCATION | L0000511 | VOLUME | 420241.075 | 3741087.521 | 49.96 |
| LOCATION | L0000512 | VOLUME | 420241.192 | 3741101.520 | 49.97 |
| LOCATION | L0000513 | VOLUME | 420241.310 | 3741115.520 | 49.98 |
| LOCATION | L0000514 | VOLUME | 420241.428 | 3741129.519 | 49.99 |
| LOCATION | L0000515 | VOLUME | 420241.546 | 3741143.519 | 50.00 |
| LOCATION | L0000516 | VOLUME | 420241.664 | 3741157.518 | 50.00 |
| LOCATION | L0000517 | VOLUME | 420241.781 | 3741171.518 | 50.00 |
| LOCATION | L0000518 | VOLUME | 420241.899 | 3741185.517 | 50.00 |
| LOCATION | L0000519 | VOLUME | 420242.017 | 3741199.517 | 50.00 |
| LOCATION | L0000520 | VOLUME | 420242.135 | 3741213.516 | 50.00 |
| LOCATION | L0000521 | VOLUME | 420242.253 | 3741227.516 | 50.00 |
| LOCATION | L0000522 | VOLUME | 420242.370 | 3741241.515 | 50.03 |

** End of LINE VOLUME Source ID = SLINE5

**

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE6

** DESCRSRC Katella E 25%

** PREFIX

** Length of Side = 14.00

** Configuration = Adjacent

** Emission Rate = 1.415E-06

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 3

** 420243.375, 3741248.420, 50.02, 3.49, 6.51

** 420243.689, 3741313.607, 50.90, 3.49, 6.51

** 420762.985, 3741312.347, 54.05, 3.49, 6.51

**

| | | | | | |
|----------|----------|--------|------------|-------------|-------|
| LOCATION | L0000523 | VOLUME | 420243.408 | 3741255.420 | 50.17 |
| LOCATION | L0000524 | VOLUME | 420243.476 | 3741269.419 | 50.32 |
| LOCATION | L0000525 | VOLUME | 420243.544 | 3741283.419 | 50.46 |
| LOCATION | L0000526 | VOLUME | 420243.611 | 3741297.419 | 50.60 |
| LOCATION | L0000527 | VOLUME | 420243.679 | 3741311.419 | 50.74 |
| LOCATION | L0000528 | VOLUME | 420255.501 | 3741313.579 | 50.83 |
| LOCATION | L0000529 | VOLUME | 420269.501 | 3741313.545 | 50.87 |
| LOCATION | L0000530 | VOLUME | 420283.501 | 3741313.511 | 50.90 |
| LOCATION | L0000531 | VOLUME | 420297.501 | 3741313.477 | 50.93 |
| LOCATION | L0000532 | VOLUME | 420311.501 | 3741313.443 | 50.97 |
| LOCATION | L0000533 | VOLUME | 420325.501 | 3741313.409 | 51.00 |
| LOCATION | L0000534 | VOLUME | 420339.501 | 3741313.375 | 51.15 |
| LOCATION | L0000535 | VOLUME | 420353.501 | 3741313.341 | 51.30 |
| LOCATION | L0000536 | VOLUME | 420367.501 | 3741313.307 | 51.45 |
| LOCATION | L0000537 | VOLUME | 420381.501 | 3741313.273 | 51.60 |
| LOCATION | L0000538 | VOLUME | 420395.501 | 3741313.239 | 51.75 |

| | | | | | |
|----------|----------|--------|------------|-------------|-------|
| LOCATION | L0000539 | VOLUME | 420409.501 | 3741313.205 | 51.84 |
| LOCATION | L0000540 | VOLUME | 420423.501 | 3741313.171 | 51.87 |
| LOCATION | L0000541 | VOLUME | 420437.501 | 3741313.137 | 51.91 |
| LOCATION | L0000542 | VOLUME | 420451.501 | 3741313.103 | 51.94 |
| LOCATION | L0000543 | VOLUME | 420465.501 | 3741313.069 | 51.97 |
| LOCATION | L0000544 | VOLUME | 420479.500 | 3741313.035 | 52.00 |
| LOCATION | L0000545 | VOLUME | 420493.500 | 3741313.001 | 52.18 |
| LOCATION | L0000546 | VOLUME | 420507.500 | 3741312.967 | 52.36 |
| LOCATION | L0000547 | VOLUME | 420521.500 | 3741312.933 | 52.54 |
| LOCATION | L0000548 | VOLUME | 420535.500 | 3741312.899 | 52.73 |
| LOCATION | L0000549 | VOLUME | 420549.500 | 3741312.865 | 52.91 |
| LOCATION | L0000550 | VOLUME | 420563.500 | 3741312.831 | 53.00 |
| LOCATION | L0000551 | VOLUME | 420577.500 | 3741312.797 | 53.00 |
| LOCATION | L0000552 | VOLUME | 420591.500 | 3741312.763 | 53.00 |
| LOCATION | L0000553 | VOLUME | 420605.500 | 3741312.730 | 53.00 |
| LOCATION | L0000554 | VOLUME | 420619.500 | 3741312.696 | 53.00 |
| LOCATION | L0000555 | VOLUME | 420633.500 | 3741312.662 | 53.00 |
| LOCATION | L0000556 | VOLUME | 420647.500 | 3741312.628 | 53.18 |
| LOCATION | L0000557 | VOLUME | 420661.500 | 3741312.594 | 53.36 |
| LOCATION | L0000558 | VOLUME | 420675.500 | 3741312.560 | 53.54 |
| LOCATION | L0000559 | VOLUME | 420689.500 | 3741312.526 | 53.72 |
| LOCATION | L0000560 | VOLUME | 420703.500 | 3741312.492 | 53.90 |
| LOCATION | L0000561 | VOLUME | 420717.500 | 3741312.458 | 54.00 |
| LOCATION | L0000562 | VOLUME | 420731.500 | 3741312.424 | 54.00 |
| LOCATION | L0000563 | VOLUME | 420745.500 | 3741312.390 | 54.00 |
| LOCATION | L0000564 | VOLUME | 420759.500 | 3741312.356 | 54.00 |

** End of LINE VOLUME Source ID = SLINE6

**

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE7

** DESCRSRC Batavia N 5%

** PREFIX

** Length of Side = 14.00

** Configuration = Adjacent

** Emission Rate = 2.079E-07

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 4

** 420233.159, 3741262.203, 50.07, 3.49, 6.51

** 420192.649, 3741337.071, 50.09, 3.49, 6.51

** 420180.342, 3741371.428, 50.05, 3.49, 6.51

** 420179.237, 3741679.110, 51.07, 3.49, 6.51

**

| | | | | | |
|----------|----------|--------|------------|-------------|-------|
| LOCATION | L0000565 | VOLUME | 420229.828 | 3741268.359 | 50.25 |
| LOCATION | L0000566 | VOLUME | 420223.166 | 3741280.672 | 50.31 |
| LOCATION | L0000567 | VOLUME | 420216.503 | 3741292.985 | 50.35 |
| LOCATION | L0000568 | VOLUME | 420209.841 | 3741305.298 | 50.36 |
| LOCATION | L0000569 | VOLUME | 420203.178 | 3741317.611 | 50.36 |
| LOCATION | L0000570 | VOLUME | 420196.515 | 3741329.924 | 50.32 |
| LOCATION | L0000571 | VOLUME | 420190.668 | 3741342.601 | 50.25 |
| LOCATION | L0000572 | VOLUME | 420185.946 | 3741355.781 | 50.19 |
| LOCATION | L0000573 | VOLUME | 420181.225 | 3741368.961 | 50.13 |
| LOCATION | L0000574 | VOLUME | 420180.301 | 3741382.807 | 50.11 |
| LOCATION | L0000575 | VOLUME | 420180.250 | 3741396.807 | 50.11 |
| LOCATION | L0000576 | VOLUME | 420180.200 | 3741410.807 | 50.11 |
| LOCATION | L0000577 | VOLUME | 420180.150 | 3741424.807 | 50.12 |
| LOCATION | L0000578 | VOLUME | 420180.100 | 3741438.807 | 50.25 |
| LOCATION | L0000579 | VOLUME | 420180.049 | 3741452.807 | 50.38 |
| LOCATION | L0000580 | VOLUME | 420179.999 | 3741466.807 | 50.52 |
| LOCATION | L0000581 | VOLUME | 420179.949 | 3741480.807 | 50.65 |
| LOCATION | L0000582 | VOLUME | 420179.899 | 3741494.807 | 50.79 |
| LOCATION | L0000583 | VOLUME | 420179.849 | 3741508.807 | 50.93 |
| LOCATION | L0000584 | VOLUME | 420179.798 | 3741522.807 | 51.01 |
| LOCATION | L0000585 | VOLUME | 420179.748 | 3741536.807 | 51.02 |
| LOCATION | L0000586 | VOLUME | 420179.698 | 3741550.806 | 51.03 |
| LOCATION | L0000587 | VOLUME | 420179.648 | 3741564.806 | 51.04 |

| | | | | | |
|----------|----------|--------|------------|-------------|-------|
| LOCATION | L0000588 | VOLUME | 420179.597 | 3741578.806 | 51.06 |
| LOCATION | L0000589 | VOLUME | 420179.547 | 3741592.806 | 51.07 |
| LOCATION | L0000590 | VOLUME | 420179.497 | 3741606.806 | 51.08 |
| LOCATION | L0000591 | VOLUME | 420179.447 | 3741620.806 | 51.08 |
| LOCATION | L0000592 | VOLUME | 420179.396 | 3741634.806 | 51.07 |
| LOCATION | L0000593 | VOLUME | 420179.346 | 3741648.806 | 51.07 |
| LOCATION | L0000594 | VOLUME | 420179.296 | 3741662.806 | 51.07 |
| LOCATION | L0000595 | VOLUME | 420179.246 | 3741676.806 | 51.07 |

** End of LINE VOLUME Source ID = SLINE7

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE8

** DESCRSRC Katella W 65%

** PREFIX

** Length of Side = 14.00

** Configuration = Adjacent

** Emission Rate = 0.00001257

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 19

| | | | | | |
|----|-------------|--------------|--------|-------|------|
| ** | 420232.141, | 3741262.444, | 50.07, | 3.49, | 6.51 |
| ** | 420204.450, | 3741314.238, | 50.27, | 3.49, | 6.51 |
| ** | 420088.554, | 3741314.751, | 49.04, | 3.49, | 6.51 |
| ** | 419804.970, | 3741318.340, | 48.03, | 3.49, | 6.51 |
| ** | 419719.331, | 3741303.982, | 48.00, | 3.49, | 6.51 |
| ** | 419648.050, | 3741276.803, | 47.20, | 3.49, | 6.51 |
| ** | 419607.538, | 3741242.444, | 47.04, | 3.49, | 6.51 |
| ** | 419567.539, | 3741200.394, | 46.79, | 3.49, | 6.51 |
| ** | 419553.180, | 3741181.420, | 46.86, | 3.49, | 6.51 |
| ** | 419524.976, | 3741140.908, | 46.70, | 3.49, | 6.51 |
| ** | 419485.489, | 3741089.114, | 46.00, | 3.49, | 6.51 |
| ** | 419461.387, | 3741066.550, | 46.00, | 3.49, | 6.51 |
| ** | 419422.414, | 3741033.731, | 46.00, | 3.49, | 6.51 |
| ** | 419375.748, | 3741012.705, | 46.00, | 3.49, | 6.51 |
| ** | 419335.236, | 3741001.936, | 46.00, | 3.49, | 6.51 |
| ** | 419266.006, | 3740992.193, | 46.00, | 3.49, | 6.51 |
| ** | 419177.803, | 3740994.757, | 46.00, | 3.49, | 6.51 |
| ** | 418800.887, | 3741002.962, | 46.00, | 3.49, | 6.51 |
| ** | 418388.075, | 3741005.013, | 45.00, | 3.49, | 6.51 |

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| | | | | | |
|----------|----------|--------|------------|-------------|-------|
| LOCATION | L0000596 | VOLUME | 420228.841 | 3741268.617 | 50.25 |
| LOCATION | L0000597 | VOLUME | 420222.240 | 3741280.963 | 50.31 |
| LOCATION | L0000598 | VOLUME | 420215.639 | 3741293.309 | 50.34 |
| LOCATION | L0000599 | VOLUME | 420209.038 | 3741305.656 | 50.36 |
| LOCATION | L0000600 | VOLUME | 420200.182 | 3741314.257 | 50.31 |
| LOCATION | L0000601 | VOLUME | 420186.182 | 3741314.319 | 50.16 |
| LOCATION | L0000602 | VOLUME | 420172.182 | 3741314.381 | 50.01 |
| LOCATION | L0000603 | VOLUME | 420158.182 | 3741314.443 | 49.83 |
| LOCATION | L0000604 | VOLUME | 420144.182 | 3741314.505 | 49.65 |
| LOCATION | L0000605 | VOLUME | 420130.182 | 3741314.566 | 49.47 |
| LOCATION | L0000606 | VOLUME | 420116.182 | 3741314.628 | 49.29 |
| LOCATION | L0000607 | VOLUME | 420102.183 | 3741314.690 | 49.11 |
| LOCATION | L0000608 | VOLUME | 420088.183 | 3741314.755 | 49.00 |
| LOCATION | L0000609 | VOLUME | 420074.184 | 3741314.933 | 49.00 |
| LOCATION | L0000610 | VOLUME | 420060.185 | 3741315.110 | 49.00 |
| LOCATION | L0000611 | VOLUME | 420046.186 | 3741315.287 | 49.00 |
| LOCATION | L0000612 | VOLUME | 420032.187 | 3741315.464 | 49.00 |
| LOCATION | L0000613 | VOLUME | 420018.188 | 3741315.641 | 49.00 |
| LOCATION | L0000614 | VOLUME | 420004.189 | 3741315.819 | 49.00 |
| LOCATION | L0000615 | VOLUME | 419990.191 | 3741315.996 | 49.00 |
| LOCATION | L0000616 | VOLUME | 419976.192 | 3741316.173 | 49.00 |
| LOCATION | L0000617 | VOLUME | 419962.193 | 3741316.350 | 49.00 |
| LOCATION | L0000618 | VOLUME | 419948.194 | 3741316.527 | 49.00 |
| LOCATION | L0000619 | VOLUME | 419934.195 | 3741316.705 | 48.93 |
| LOCATION | L0000620 | VOLUME | 419920.196 | 3741316.882 | 48.75 |
| LOCATION | L0000621 | VOLUME | 419906.197 | 3741317.059 | 48.57 |

| | | | | | |
|----------|----------|--------|------------|-------------|-------|
| LOCATION | L0000622 | VOLUME | 419892.198 | 3741317.236 | 48.39 |
| LOCATION | L0000623 | VOLUME | 419878.200 | 3741317.413 | 48.20 |
| LOCATION | L0000624 | VOLUME | 419864.201 | 3741317.591 | 48.02 |
| LOCATION | L0000625 | VOLUME | 419850.202 | 3741317.768 | 48.00 |
| LOCATION | L0000626 | VOLUME | 419836.203 | 3741317.945 | 48.00 |
| LOCATION | L0000627 | VOLUME | 419822.204 | 3741318.122 | 48.00 |
| LOCATION | L0000628 | VOLUME | 419808.205 | 3741318.299 | 48.00 |
| LOCATION | L0000629 | VOLUME | 419794.354 | 3741316.560 | 48.00 |
| LOCATION | L0000630 | VOLUME | 419780.546 | 3741314.245 | 48.00 |
| LOCATION | L0000631 | VOLUME | 419766.739 | 3741311.930 | 48.00 |
| LOCATION | L0000632 | VOLUME | 419752.932 | 3741309.615 | 48.00 |
| LOCATION | L0000633 | VOLUME | 419739.125 | 3741307.300 | 48.00 |
| LOCATION | L0000634 | VOLUME | 419725.317 | 3741304.985 | 48.00 |
| LOCATION | L0000635 | VOLUME | 419711.921 | 3741301.156 | 48.00 |
| LOCATION | L0000636 | VOLUME | 419698.840 | 3741296.169 | 47.95 |
| LOCATION | L0000637 | VOLUME | 419685.759 | 3741291.181 | 47.86 |
| LOCATION | L0000638 | VOLUME | 419672.677 | 3741286.193 | 47.76 |
| LOCATION | L0000639 | VOLUME | 419659.596 | 3741281.205 | 47.63 |
| LOCATION | L0000640 | VOLUME | 419646.797 | 3741275.740 | 47.49 |
| LOCATION | L0000641 | VOLUME | 419636.120 | 3741266.684 | 47.30 |
| LOCATION | L0000642 | VOLUME | 419625.442 | 3741257.629 | 47.15 |
| LOCATION | L0000643 | VOLUME | 419614.765 | 3741248.574 | 47.05 |
| LOCATION | L0000644 | VOLUME | 419604.420 | 3741239.167 | 47.00 |
| LOCATION | L0000645 | VOLUME | 419594.771 | 3741229.023 | 47.00 |
| LOCATION | L0000646 | VOLUME | 419585.122 | 3741218.879 | 47.00 |
| LOCATION | L0000647 | VOLUME | 419575.473 | 3741208.735 | 47.00 |
| LOCATION | L0000648 | VOLUME | 419566.038 | 3741198.410 | 47.00 |
| LOCATION | L0000649 | VOLUME | 419557.590 | 3741187.246 | 47.00 |
| LOCATION | L0000650 | VOLUME | 419549.356 | 3741175.927 | 46.97 |
| LOCATION | L0000651 | VOLUME | 419541.357 | 3741164.437 | 46.87 |
| LOCATION | L0000652 | VOLUME | 419533.358 | 3741152.948 | 46.75 |
| LOCATION | L0000653 | VOLUME | 419525.359 | 3741141.458 | 46.57 |
| LOCATION | L0000654 | VOLUME | 419516.894 | 3741130.307 | 46.41 |
| LOCATION | L0000655 | VOLUME | 419508.406 | 3741119.174 | 46.28 |
| LOCATION | L0000656 | VOLUME | 419499.918 | 3741108.040 | 46.17 |
| LOCATION | L0000657 | VOLUME | 419491.430 | 3741096.907 | 46.09 |
| LOCATION | L0000658 | VOLUME | 419482.423 | 3741086.243 | 46.03 |
| LOCATION | L0000659 | VOLUME | 419472.202 | 3741076.675 | 46.00 |
| LOCATION | L0000660 | VOLUME | 419461.982 | 3741067.107 | 46.00 |
| LOCATION | L0000661 | VOLUME | 419451.302 | 3741058.057 | 46.00 |
| LOCATION | L0000662 | VOLUME | 419440.593 | 3741049.039 | 46.00 |
| LOCATION | L0000663 | VOLUME | 419429.884 | 3741040.021 | 46.00 |
| LOCATION | L0000664 | VOLUME | 419418.554 | 3741031.991 | 46.00 |
| LOCATION | L0000665 | VOLUME | 419405.789 | 3741026.240 | 46.00 |
| LOCATION | L0000666 | VOLUME | 419393.025 | 3741020.490 | 46.00 |
| LOCATION | L0000667 | VOLUME | 419380.261 | 3741014.739 | 46.00 |
| LOCATION | L0000668 | VOLUME | 419367.002 | 3741010.380 | 46.00 |
| LOCATION | L0000669 | VOLUME | 419353.471 | 3741006.784 | 46.00 |
| LOCATION | L0000670 | VOLUME | 419339.941 | 3741003.187 | 46.00 |
| LOCATION | L0000671 | VOLUME | 419326.194 | 3741000.664 | 46.00 |
| LOCATION | L0000672 | VOLUME | 419312.330 | 3740998.713 | 46.00 |
| LOCATION | L0000673 | VOLUME | 419298.467 | 3740996.761 | 46.00 |
| LOCATION | L0000674 | VOLUME | 419284.604 | 3740994.810 | 46.00 |
| LOCATION | L0000675 | VOLUME | 419270.740 | 3740992.859 | 46.00 |
| LOCATION | L0000676 | VOLUME | 419256.791 | 3740992.461 | 46.00 |
| LOCATION | L0000677 | VOLUME | 419242.797 | 3740992.868 | 46.00 |
| LOCATION | L0000678 | VOLUME | 419228.803 | 3740993.274 | 46.00 |
| LOCATION | L0000679 | VOLUME | 419214.809 | 3740993.681 | 46.00 |
| LOCATION | L0000680 | VOLUME | 419200.815 | 3740994.088 | 46.00 |
| LOCATION | L0000681 | VOLUME | 419186.820 | 3740994.495 | 46.00 |
| LOCATION | L0000682 | VOLUME | 419172.825 | 3740994.865 | 46.00 |
| LOCATION | L0000683 | VOLUME | 419158.829 | 3740995.170 | 46.00 |
| LOCATION | L0000684 | VOLUME | 419144.832 | 3740995.475 | 46.00 |
| LOCATION | L0000685 | VOLUME | 419130.835 | 3740995.779 | 46.00 |
| LOCATION | L0000686 | VOLUME | 419116.839 | 3740996.084 | 46.00 |
| LOCATION | L0000687 | VOLUME | 419102.842 | 3740996.389 | 46.00 |

| LOCATION | VOLUME | | | | |
|----------|------------|-------------|-------|--|--|
| L0000688 | 419088.845 | 3740996.693 | 46.00 | | |
| L0000689 | 419074.849 | 3740996.998 | 46.00 | | |
| L0000690 | 419060.852 | 3740997.303 | 46.00 | | |
| L0000691 | 419046.855 | 3740997.607 | 46.00 | | |
| L0000692 | 419032.859 | 3740997.912 | 46.00 | | |
| L0000693 | 419018.862 | 3740998.217 | 46.00 | | |
| L0000694 | 419004.865 | 3740998.522 | 46.00 | | |
| L0000695 | 418990.869 | 3740998.826 | 46.00 | | |
| L0000696 | 418976.872 | 3740999.131 | 46.00 | | |
| L0000697 | 418962.875 | 3740999.436 | 46.00 | | |
| L0000698 | 418948.878 | 3740999.740 | 46.00 | | |
| L0000699 | 418934.882 | 3741000.045 | 46.00 | | |
| L0000700 | 418920.885 | 3741000.350 | 46.00 | | |
| L0000701 | 418906.888 | 3741000.654 | 46.00 | | |
| L0000702 | 418892.892 | 3741000.959 | 46.00 | | |
| L0000703 | 418878.895 | 3741001.264 | 46.00 | | |
| L0000704 | 418864.898 | 3741001.568 | 46.00 | | |
| L0000705 | 418850.902 | 3741001.873 | 46.00 | | |
| L0000706 | 418836.905 | 3741002.178 | 46.00 | | |
| L0000707 | 418822.908 | 3741002.483 | 46.00 | | |
| L0000708 | 418808.912 | 3741002.787 | 46.00 | | |
| L0000709 | 418794.914 | 3741002.992 | 46.00 | | |
| L0000710 | 418780.914 | 3741003.061 | 46.00 | | |
| L0000711 | 418766.914 | 3741003.131 | 46.00 | | |
| L0000712 | 418752.914 | 3741003.200 | 46.00 | | |
| L0000713 | 418738.914 | 3741003.270 | 46.00 | | |
| L0000714 | 418724.914 | 3741003.339 | 46.00 | | |
| L0000715 | 418710.915 | 3741003.409 | 46.00 | | |
| L0000716 | 418696.915 | 3741003.479 | 46.00 | | |
| L0000717 | 418682.915 | 3741003.548 | 46.00 | | |
| L0000718 | 418668.915 | 3741003.618 | 46.00 | | |
| L0000719 | 418654.915 | 3741003.687 | 46.00 | | |
| L0000720 | 418640.916 | 3741003.757 | 46.00 | | |
| L0000721 | 418626.916 | 3741003.826 | 46.00 | | |
| L0000722 | 418612.916 | 3741003.896 | 46.00 | | |
| L0000723 | 418598.916 | 3741003.965 | 46.00 | | |
| L0000724 | 418584.916 | 3741004.035 | 46.00 | | |
| L0000725 | 418570.916 | 3741004.105 | 46.00 | | |
| L0000726 | 418556.917 | 3741004.174 | 46.00 | | |
| L0000727 | 418542.917 | 3741004.244 | 45.95 | | |
| L0000728 | 418528.917 | 3741004.313 | 45.82 | | |
| L0000729 | 418514.917 | 3741004.383 | 45.70 | | |
| L0000730 | 418500.917 | 3741004.452 | 45.57 | | |
| L0000731 | 418486.917 | 3741004.522 | 45.45 | | |
| L0000732 | 418472.918 | 3741004.592 | 45.32 | | |
| L0000733 | 418458.918 | 3741004.661 | 45.26 | | |
| L0000734 | 418444.918 | 3741004.731 | 45.20 | | |
| L0000735 | 418430.918 | 3741004.800 | 45.15 | | |
| L0000736 | 418416.918 | 3741004.870 | 45.09 | | |
| L0000737 | 418402.918 | 3741004.939 | 45.03 | | |
| L0000738 | 418388.919 | 3741005.009 | 45.00 | | |

** End of LINE VOLUME Source ID = SLINE8

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE9

** DESCRSRC Onsite

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 0.00001213

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 6

** 420489.963, 3740970.585, 51.58, 3.49, 4.00

** 420488.185, 3740764.575, 51.39, 3.49, 4.00

** 420493.741, 3740757.241, 50.95, 3.49, 4.00

** 420578.856, 3740756.352, 51.69, 3.49, 4.00
** 420583.968, 3740762.797, 52.04, 3.49, 4.00
** 420587.079, 3740966.585, 52.44, 3.49, 4.00

**

LOCATION L0000739 VOLUME 420489.926 3740966.290 51.17
LOCATION L0000740 VOLUME 420489.852 3740957.701 51.17
LOCATION L0000741 VOLUME 420489.778 3740949.111 51.17
LOCATION L0000742 VOLUME 420489.704 3740940.521 51.17
LOCATION L0000743 VOLUME 420489.629 3740931.932 51.17
LOCATION L0000744 VOLUME 420489.555 3740923.342 51.17
LOCATION L0000745 VOLUME 420489.481 3740914.752 51.17
LOCATION L0000746 VOLUME 420489.407 3740906.163 51.17
LOCATION L0000747 VOLUME 420489.333 3740897.573 51.17
LOCATION L0000748 VOLUME 420489.259 3740888.983 51.17
LOCATION L0000749 VOLUME 420489.185 3740880.394 51.17
LOCATION L0000750 VOLUME 420489.111 3740871.804 51.17
LOCATION L0000751 VOLUME 420489.036 3740863.214 51.17
LOCATION L0000752 VOLUME 420488.962 3740854.624 51.17
LOCATION L0000753 VOLUME 420488.888 3740846.035 51.17
LOCATION L0000754 VOLUME 420488.814 3740837.445 51.17
LOCATION L0000755 VOLUME 420488.740 3740828.855 51.17
LOCATION L0000756 VOLUME 420488.666 3740820.266 51.17
LOCATION L0000757 VOLUME 420488.592 3740811.676 51.17
LOCATION L0000758 VOLUME 420488.518 3740803.086 51.17
LOCATION L0000759 VOLUME 420488.443 3740794.497 51.17
LOCATION L0000760 VOLUME 420488.369 3740785.907 51.17
LOCATION L0000761 VOLUME 420488.295 3740777.317 51.17
LOCATION L0000762 VOLUME 420488.221 3740768.728 51.16
LOCATION L0000763 VOLUME 420490.865 3740761.038 51.18
LOCATION L0000764 VOLUME 420497.568 3740757.201 51.24
LOCATION L0000765 VOLUME 420506.157 3740757.112 51.33
LOCATION L0000766 VOLUME 420514.747 3740757.022 51.42
LOCATION L0000767 VOLUME 420523.336 3740756.932 51.51
LOCATION L0000768 VOLUME 420531.926 3740756.843 51.60
LOCATION L0000769 VOLUME 420540.515 3740756.753 51.69
LOCATION L0000770 VOLUME 420549.105 3740756.663 51.78
LOCATION L0000771 VOLUME 420557.694 3740756.573 51.83
LOCATION L0000772 VOLUME 420566.284 3740756.484 51.85
LOCATION L0000773 VOLUME 420574.873 3740756.394 51.87
LOCATION L0000774 VOLUME 420581.719 3740759.962 51.91
LOCATION L0000775 VOLUME 420584.043 3740767.768 51.96
LOCATION L0000776 VOLUME 420584.175 3740776.357 52.01
LOCATION L0000777 VOLUME 420584.306 3740784.946 52.05
LOCATION L0000778 VOLUME 420584.437 3740793.535 52.09
LOCATION L0000779 VOLUME 420584.568 3740802.124 52.13
LOCATION L0000780 VOLUME 420584.699 3740810.713 52.17
LOCATION L0000781 VOLUME 420584.830 3740819.302 52.21
LOCATION L0000782 VOLUME 420584.961 3740827.891 52.25
LOCATION L0000783 VOLUME 420585.093 3740836.480 52.29
LOCATION L0000784 VOLUME 420585.224 3740845.069 52.33
LOCATION L0000785 VOLUME 420585.355 3740853.658 52.37
LOCATION L0000786 VOLUME 420585.486 3740862.247 52.41
LOCATION L0000787 VOLUME 420585.617 3740870.836 52.42
LOCATION L0000788 VOLUME 420585.748 3740879.425 52.42
LOCATION L0000789 VOLUME 420585.879 3740888.014 52.42
LOCATION L0000790 VOLUME 420586.010 3740896.603 52.42
LOCATION L0000791 VOLUME 420586.142 3740905.192 52.43
LOCATION L0000792 VOLUME 420586.273 3740913.781 52.43
LOCATION L0000793 VOLUME 420586.404 3740922.370 52.43
LOCATION L0000794 VOLUME 420586.535 3740930.959 52.43
LOCATION L0000795 VOLUME 420586.666 3740939.548 52.43
LOCATION L0000796 VOLUME 420586.797 3740948.137 52.43
LOCATION L0000797 VOLUME 420586.928 3740956.726 52.43
LOCATION L0000798 VOLUME 420587.059 3740965.315 52.43

** End of LINE VOLUME Source ID = SLINE9

** Source Parameters **

| | | | | |
|-------------------|--------------|------|------|------|
| SRCPARAM L0000779 | 0.0000002022 | 3.49 | 4.00 | 3.25 |
| SRCPARAM L0000780 | 0.0000002022 | 3.49 | 4.00 | 3.25 |
| SRCPARAM L0000781 | 0.0000002022 | 3.49 | 4.00 | 3.25 |
| SRCPARAM L0000782 | 0.0000002022 | 3.49 | 4.00 | 3.25 |
| SRCPARAM L0000783 | 0.0000002022 | 3.49 | 4.00 | 3.25 |
| SRCPARAM L0000784 | 0.0000002022 | 3.49 | 4.00 | 3.25 |
| SRCPARAM L0000785 | 0.0000002022 | 3.49 | 4.00 | 3.25 |
| SRCPARAM L0000786 | 0.0000002022 | 3.49 | 4.00 | 3.25 |
| SRCPARAM L0000787 | 0.0000002022 | 3.49 | 4.00 | 3.25 |
| SRCPARAM L0000788 | 0.0000002022 | 3.49 | 4.00 | 3.25 |
| SRCPARAM L0000789 | 0.0000002022 | 3.49 | 4.00 | 3.25 |
| SRCPARAM L0000790 | 0.0000002022 | 3.49 | 4.00 | 3.25 |
| SRCPARAM L0000791 | 0.0000002022 | 3.49 | 4.00 | 3.25 |
| SRCPARAM L0000792 | 0.0000002022 | 3.49 | 4.00 | 3.25 |
| SRCPARAM L0000793 | 0.0000002022 | 3.49 | 4.00 | 3.25 |
| SRCPARAM L0000794 | 0.0000002022 | 3.49 | 4.00 | 3.25 |
| SRCPARAM L0000795 | 0.0000002022 | 3.49 | 4.00 | 3.25 |
| SRCPARAM L0000796 | 0.0000002022 | 3.49 | 4.00 | 3.25 |
| SRCPARAM L0000797 | 0.0000002022 | 3.49 | 4.00 | 3.25 |
| SRCPARAM L0000798 | 0.0000002022 | 3.49 | 4.00 | 3.25 |

** -----

URBANSRC ALL
SRCGROUP ALL

SO FINISHED

**

** AERMOD Receptor Pathway

**
**

RE STARTING

INCLUDED "13101 Ops.rou"

RE FINISHED

**

** AERMOD Meteorology Pathway

**
**

ME STARTING

SURFFILE KSNA_V9_ADJU\KSNA_v9.SFC
PROFFILE KSNA_V9_ADJU\KSNA_v9.PFL
SURFDATA 93184 2012
UAIRDATA 3190 2012
PROFBASE 17.0 METERS

ME FINISHED

**

** AERMOD Output Pathway

**
**

OU STARTING

** Auto-Generated Plotfiles

PLOTFILE ANNUAL ALL "13101 Ops.AD\AN00GALL.PLT" 31
SUMMFILE "13101 Ops.sum"

OU FINISHED

**

** Project Parameters

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

```
** ZONE      11
** ZONEINX   0
**
```

```

** Lakes Environmental AERMOD MPI
**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 11.0.0
** Lakes Environmental Software Inc.
** Date: 10/24/2022
** File: C:\Users\Michael Tirohn\Desktop\HRAs\13101 534 Struck\13101 Ops\13101 Ops.ADI
**
*****
**
**
*****

```

```

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

```

```

CO STARTING
TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\13101 534 Struck\13101 Ops\1310
MODELOPT DFAULT CONC
AVERTIME ANNUAL
URBANOPT 3010232 Orange_County
POLLUTID DPM
RUNORNOT RUN
ERRORFIL "13101 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 W
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 8.316E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 420512.906, 3740929.679, 51.87, 3.49, 4.00
** 420512.133, 3740769.232, 51.71, 3.49, 4.00
** -----

```

| LOCATION | VOLUME | 420512.886 | 3740925.384 | 51.47 |
|-------------------|--------|------------|-------------|-------|
| LOCATION L0000400 | VOLUME | 420512.886 | 3740925.384 | 51.47 |
| LOCATION L0000401 | VOLUME | 420512.844 | 3740916.794 | 51.47 |
| LOCATION L0000402 | VOLUME | 420512.803 | 3740908.204 | 51.47 |
| LOCATION L0000403 | VOLUME | 420512.761 | 3740899.614 | 51.48 |
| LOCATION L0000404 | VOLUME | 420512.720 | 3740891.024 | 51.48 |
| LOCATION L0000405 | VOLUME | 420512.679 | 3740882.434 | 51.48 |
| LOCATION L0000406 | VOLUME | 420512.637 | 3740873.845 | 51.48 |
| LOCATION L0000407 | VOLUME | 420512.596 | 3740865.255 | 51.48 |
| LOCATION L0000408 | VOLUME | 420512.554 | 3740856.665 | 51.48 |
| LOCATION L0000409 | VOLUME | 420512.513 | 3740848.075 | 51.48 |
| LOCATION L0000410 | VOLUME | 420512.472 | 3740839.485 | 51.48 |
| LOCATION L0000411 | VOLUME | 420512.430 | 3740830.895 | 51.48 |
| LOCATION L0000412 | VOLUME | 420512.389 | 3740822.305 | 51.48 |
| LOCATION L0000413 | VOLUME | 420512.347 | 3740813.715 | 51.48 |
| LOCATION L0000414 | VOLUME | 420512.306 | 3740805.125 | 51.48 |
| LOCATION L0000415 | VOLUME | 420512.265 | 3740796.535 | 51.48 |

LOCATION L0000416 VOLUME 420512.223 3740787.946 51.48
LOCATION L0000417 VOLUME 420512.182 3740779.356 51.48
LOCATION L0000418 VOLUME 420512.140 3740770.766 51.46

** End of LINE VOLUME Source ID = SLINE1

**

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE2

** DESCRSRC Idle E

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 8.316E-06

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 2

** 420562.200, 3740929.292, 52.14, 3.49, 4.00

** 420560.267, 3740768.458, 51.98, 3.49, 4.00

**

LOCATION L0000419 VOLUME 420562.149 3740924.998 52.11
LOCATION L0000420 VOLUME 420562.045 3740916.408 52.11
LOCATION L0000421 VOLUME 420561.942 3740907.819 52.11
LOCATION L0000422 VOLUME 420561.839 3740899.229 52.11
LOCATION L0000423 VOLUME 420561.736 3740890.640 52.11
LOCATION L0000424 VOLUME 420561.632 3740882.051 52.11
LOCATION L0000425 VOLUME 420561.529 3740873.461 52.11
LOCATION L0000426 VOLUME 420561.426 3740864.872 52.11
LOCATION L0000427 VOLUME 420561.323 3740856.283 52.10
LOCATION L0000428 VOLUME 420561.220 3740847.693 52.09
LOCATION L0000429 VOLUME 420561.116 3740839.104 52.08
LOCATION L0000430 VOLUME 420561.013 3740830.514 52.07
LOCATION L0000431 VOLUME 420560.910 3740821.925 52.06
LOCATION L0000432 VOLUME 420560.807 3740813.336 52.05
LOCATION L0000433 VOLUME 420560.703 3740804.746 52.04
LOCATION L0000434 VOLUME 420560.600 3740796.157 52.03
LOCATION L0000435 VOLUME 420560.497 3740787.568 52.02
LOCATION L0000436 VOLUME 420560.394 3740778.978 52.01
LOCATION L0000437 VOLUME 420560.290 3740770.389 51.97

** End of LINE VOLUME Source ID = SLINE2

**

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE3

** DESCRSRC Struck 100%

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 3.272E-06

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 2

** 420590.323, 3740978.055, 52.52, 3.49, 4.00

** 420252.515, 3740981.518, 50.02, 3.49, 4.00

**

LOCATION L0000438 VOLUME 420586.028 3740978.099 52.42
LOCATION L0000439 VOLUME 420577.439 3740978.187 52.31
LOCATION L0000440 VOLUME 420568.849 3740978.275 52.19
LOCATION L0000441 VOLUME 420560.260 3740978.363 52.08
LOCATION L0000442 VOLUME 420551.670 3740978.451 51.97
LOCATION L0000443 VOLUME 420543.081 3740978.539 51.86
LOCATION L0000444 VOLUME 420534.491 3740978.627 51.75
LOCATION L0000445 VOLUME 420525.902 3740978.716 51.64
LOCATION L0000446 VOLUME 420517.312 3740978.804 51.53
LOCATION L0000447 VOLUME 420508.722 3740978.892 51.41
LOCATION L0000448 VOLUME 420500.133 3740978.980 51.30
LOCATION L0000449 VOLUME 420491.543 3740979.068 51.19
LOCATION L0000450 VOLUME 420482.954 3740979.156 51.08
LOCATION L0000451 VOLUME 420474.364 3740979.244 51.00

| LOCATION | VOLUME | | | | |
|----------|------------|-------------|-------|--|--|
| L0000452 | 420465.775 | 3740979.332 | 51.00 | | |
| L0000453 | 420457.185 | 3740979.420 | 51.00 | | |
| L0000454 | 420448.596 | 3740979.508 | 51.00 | | |
| L0000455 | 420440.006 | 3740979.596 | 51.00 | | |
| L0000456 | 420431.417 | 3740979.684 | 51.00 | | |
| L0000457 | 420422.827 | 3740979.772 | 51.00 | | |
| L0000458 | 420414.237 | 3740979.860 | 51.00 | | |
| L0000459 | 420405.648 | 3740979.948 | 51.00 | | |
| L0000460 | 420397.058 | 3740980.036 | 51.00 | | |
| L0000461 | 420388.469 | 3740980.124 | 51.00 | | |
| L0000462 | 420379.879 | 3740980.213 | 51.00 | | |
| L0000463 | 420371.290 | 3740980.301 | 51.00 | | |
| L0000464 | 420362.700 | 3740980.389 | 51.00 | | |
| L0000465 | 420354.111 | 3740980.477 | 51.00 | | |
| L0000466 | 420345.521 | 3740980.565 | 51.00 | | |
| L0000467 | 420336.931 | 3740980.653 | 51.00 | | |
| L0000468 | 420328.342 | 3740980.741 | 51.00 | | |
| L0000469 | 420319.752 | 3740980.829 | 50.96 | | |
| L0000470 | 420311.163 | 3740980.917 | 50.85 | | |
| L0000471 | 420302.573 | 3740981.005 | 50.74 | | |
| L0000472 | 420293.984 | 3740981.093 | 50.63 | | |
| L0000473 | 420285.394 | 3740981.181 | 50.52 | | |
| L0000474 | 420276.805 | 3740981.269 | 50.41 | | |
| L0000475 | 420268.215 | 3740981.357 | 50.30 | | |
| L0000476 | 420259.626 | 3740981.445 | 50.18 | | |

** End of LINE VOLUME Source ID = SLINE3

**

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE4

** DESCRSRC Batavia S 5%

** PREFIX

** Length of Side = 14.00

** Configuration = Adjacent

** Emission Rate = 1.8E-07

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 2

** 420240.766, 3740982.239, 49.99, 3.49, 6.51

** 420236.152, 3740610.534, 49.05, 3.49, 6.51

**

| LOCATION | VOLUME | | | | |
|----------|------------|-------------|-------|--|--|
| L0000477 | 420240.679 | 3740975.239 | 49.94 | | |
| L0000478 | 420240.505 | 3740961.240 | 49.94 | | |
| L0000479 | 420240.332 | 3740947.241 | 49.94 | | |
| L0000480 | 420240.158 | 3740933.242 | 49.94 | | |
| L0000481 | 420239.984 | 3740919.243 | 49.94 | | |
| L0000482 | 420239.810 | 3740905.244 | 49.94 | | |
| L0000483 | 420239.637 | 3740891.246 | 49.94 | | |
| L0000484 | 420239.463 | 3740877.247 | 49.93 | | |
| L0000485 | 420239.289 | 3740863.248 | 49.93 | | |
| L0000486 | 420239.115 | 3740849.249 | 49.93 | | |
| L0000487 | 420238.941 | 3740835.250 | 49.93 | | |
| L0000488 | 420238.768 | 3740821.251 | 49.93 | | |
| L0000489 | 420238.594 | 3740807.252 | 49.93 | | |
| L0000490 | 420238.420 | 3740793.253 | 49.93 | | |
| L0000491 | 420238.246 | 3740779.254 | 49.93 | | |
| L0000492 | 420238.073 | 3740765.255 | 49.82 | | |
| L0000493 | 420237.899 | 3740751.256 | 49.68 | | |
| L0000494 | 420237.725 | 3740737.257 | 49.53 | | |
| L0000495 | 420237.551 | 3740723.258 | 49.39 | | |
| L0000496 | 420237.377 | 3740709.260 | 49.25 | | |
| L0000497 | 420237.204 | 3740695.261 | 49.11 | | |
| L0000498 | 420237.030 | 3740681.262 | 49.00 | | |
| L0000499 | 420236.856 | 3740667.263 | 49.00 | | |
| L0000500 | 420236.682 | 3740653.264 | 49.00 | | |
| L0000501 | 420236.509 | 3740639.265 | 49.00 | | |
| L0000502 | 420236.335 | 3740625.266 | 49.00 | | |

LOCATION L0000503 VOLUME 420236.161 3740611.267 49.00
** End of LINE VOLUME Source ID = SLINE4
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE5
** DESCRSRC Batavia 95%
** PREFIX
** Length of Side = 14.00
** Configuration = Adjacent
** Emission Rate = 2.43E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 420240.191, 3740982.525, 49.98, 3.49, 6.51
** 420242.414, 3741246.663, 50.01, 3.49, 6.51
** -----

| | | | | |
|-------------------|--------|------------|-------------|-------|
| LOCATION L0000504 | VOLUME | 420240.250 | 3740989.524 | 49.93 |
| LOCATION L0000505 | VOLUME | 420240.368 | 3741003.524 | 49.93 |
| LOCATION L0000506 | VOLUME | 420240.486 | 3741017.523 | 49.93 |
| LOCATION L0000507 | VOLUME | 420240.603 | 3741031.523 | 49.93 |
| LOCATION L0000508 | VOLUME | 420240.721 | 3741045.522 | 49.93 |
| LOCATION L0000509 | VOLUME | 420240.839 | 3741059.522 | 49.94 |
| LOCATION L0000510 | VOLUME | 420240.957 | 3741073.521 | 49.95 |
| LOCATION L0000511 | VOLUME | 420241.075 | 3741087.521 | 49.96 |
| LOCATION L0000512 | VOLUME | 420241.192 | 3741101.520 | 49.97 |
| LOCATION L0000513 | VOLUME | 420241.310 | 3741115.520 | 49.98 |
| LOCATION L0000514 | VOLUME | 420241.428 | 3741129.519 | 49.99 |
| LOCATION L0000515 | VOLUME | 420241.546 | 3741143.519 | 50.00 |
| LOCATION L0000516 | VOLUME | 420241.664 | 3741157.518 | 50.00 |
| LOCATION L0000517 | VOLUME | 420241.781 | 3741171.518 | 50.00 |
| LOCATION L0000518 | VOLUME | 420241.899 | 3741185.517 | 50.00 |
| LOCATION L0000519 | VOLUME | 420242.017 | 3741199.517 | 50.00 |
| LOCATION L0000520 | VOLUME | 420242.135 | 3741213.516 | 50.00 |
| LOCATION L0000521 | VOLUME | 420242.253 | 3741227.516 | 50.00 |
| LOCATION L0000522 | VOLUME | 420242.370 | 3741241.515 | 50.03 |

** End of LINE VOLUME Source ID = SLINE5
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE6
** DESCRSRC Katella E 25%
** PREFIX
** Length of Side = 14.00
** Configuration = Adjacent
** Emission Rate = 1.415E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 3
** 420243.375, 3741248.420, 50.02, 3.49, 6.51
** 420243.689, 3741313.607, 50.90, 3.49, 6.51
** 420762.985, 3741312.347, 54.05, 3.49, 6.51
** -----

| | | | | |
|-------------------|--------|------------|-------------|-------|
| LOCATION L0000523 | VOLUME | 420243.408 | 3741255.420 | 50.17 |
| LOCATION L0000524 | VOLUME | 420243.476 | 3741269.419 | 50.32 |
| LOCATION L0000525 | VOLUME | 420243.544 | 3741283.419 | 50.46 |
| LOCATION L0000526 | VOLUME | 420243.611 | 3741297.419 | 50.60 |
| LOCATION L0000527 | VOLUME | 420243.679 | 3741311.419 | 50.74 |
| LOCATION L0000528 | VOLUME | 420255.501 | 3741313.579 | 50.83 |
| LOCATION L0000529 | VOLUME | 420269.501 | 3741313.545 | 50.87 |
| LOCATION L0000530 | VOLUME | 420283.501 | 3741313.511 | 50.90 |
| LOCATION L0000531 | VOLUME | 420297.501 | 3741313.477 | 50.93 |
| LOCATION L0000532 | VOLUME | 420311.501 | 3741313.443 | 50.97 |
| LOCATION L0000533 | VOLUME | 420325.501 | 3741313.409 | 51.00 |
| LOCATION L0000534 | VOLUME | 420339.501 | 3741313.375 | 51.15 |
| LOCATION L0000535 | VOLUME | 420353.501 | 3741313.341 | 51.30 |
| LOCATION L0000536 | VOLUME | 420367.501 | 3741313.307 | 51.45 |
| LOCATION L0000537 | VOLUME | 420381.501 | 3741313.273 | 51.60 |

| LOCATION | VOLUME | | | | |
|----------|------------|-------------|-------|--|--|
| L0000538 | 420395.501 | 3741313.239 | 51.75 | | |
| L0000539 | 420409.501 | 3741313.205 | 51.84 | | |
| L0000540 | 420423.501 | 3741313.171 | 51.87 | | |
| L0000541 | 420437.501 | 3741313.137 | 51.91 | | |
| L0000542 | 420451.501 | 3741313.103 | 51.94 | | |
| L0000543 | 420465.501 | 3741313.069 | 51.97 | | |
| L0000544 | 420479.500 | 3741313.035 | 52.00 | | |
| L0000545 | 420493.500 | 3741313.001 | 52.18 | | |
| L0000546 | 420507.500 | 3741312.967 | 52.36 | | |
| L0000547 | 420521.500 | 3741312.933 | 52.54 | | |
| L0000548 | 420535.500 | 3741312.899 | 52.73 | | |
| L0000549 | 420549.500 | 3741312.865 | 52.91 | | |
| L0000550 | 420563.500 | 3741312.831 | 53.00 | | |
| L0000551 | 420577.500 | 3741312.797 | 53.00 | | |
| L0000552 | 420591.500 | 3741312.763 | 53.00 | | |
| L0000553 | 420605.500 | 3741312.730 | 53.00 | | |
| L0000554 | 420619.500 | 3741312.696 | 53.00 | | |
| L0000555 | 420633.500 | 3741312.662 | 53.00 | | |
| L0000556 | 420647.500 | 3741312.628 | 53.18 | | |
| L0000557 | 420661.500 | 3741312.594 | 53.36 | | |
| L0000558 | 420675.500 | 3741312.560 | 53.54 | | |
| L0000559 | 420689.500 | 3741312.526 | 53.72 | | |
| L0000560 | 420703.500 | 3741312.492 | 53.90 | | |
| L0000561 | 420717.500 | 3741312.458 | 54.00 | | |
| L0000562 | 420731.500 | 3741312.424 | 54.00 | | |
| L0000563 | 420745.500 | 3741312.390 | 54.00 | | |
| L0000564 | 420759.500 | 3741312.356 | 54.00 | | |

** End of LINE VOLUME Source ID = SLINE6

**

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE7

** DESCRSRC Batavia N 5%

** PREFIX

** Length of Side = 14.00

** Configuration = Adjacent

** Emission Rate = 2.079E-07

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 4

** 420233.159, 3741262.203, 50.07, 3.49, 6.51

** 420192.649, 3741337.071, 50.09, 3.49, 6.51

** 420180.342, 3741371.428, 50.05, 3.49, 6.51

** 420179.237, 3741679.110, 51.07, 3.49, 6.51

**

| | | | | | |
|-------------------|-------------------|-------------|-------|--|--|
| LOCATION L0000565 | VOLUME 420229.828 | 3741268.359 | 50.25 | | |
| LOCATION L0000566 | VOLUME 420223.166 | 3741280.672 | 50.31 | | |
| LOCATION L0000567 | VOLUME 420216.503 | 3741292.985 | 50.35 | | |
| LOCATION L0000568 | VOLUME 420209.841 | 3741305.298 | 50.36 | | |
| LOCATION L0000569 | VOLUME 420203.178 | 3741317.611 | 50.36 | | |
| LOCATION L0000570 | VOLUME 420196.515 | 3741329.924 | 50.32 | | |
| LOCATION L0000571 | VOLUME 420190.668 | 3741342.601 | 50.25 | | |
| LOCATION L0000572 | VOLUME 420185.946 | 3741355.781 | 50.19 | | |
| LOCATION L0000573 | VOLUME 420181.225 | 3741368.961 | 50.13 | | |
| LOCATION L0000574 | VOLUME 420180.301 | 3741382.807 | 50.11 | | |
| LOCATION L0000575 | VOLUME 420180.250 | 3741396.807 | 50.11 | | |
| LOCATION L0000576 | VOLUME 420180.200 | 3741410.807 | 50.11 | | |
| LOCATION L0000577 | VOLUME 420180.150 | 3741424.807 | 50.12 | | |
| LOCATION L0000578 | VOLUME 420180.100 | 3741438.807 | 50.25 | | |
| LOCATION L0000579 | VOLUME 420180.049 | 3741452.807 | 50.38 | | |
| LOCATION L0000580 | VOLUME 420179.999 | 3741466.807 | 50.52 | | |
| LOCATION L0000581 | VOLUME 420179.949 | 3741480.807 | 50.65 | | |
| LOCATION L0000582 | VOLUME 420179.899 | 3741494.807 | 50.79 | | |
| LOCATION L0000583 | VOLUME 420179.849 | 3741508.807 | 50.93 | | |
| LOCATION L0000584 | VOLUME 420179.798 | 3741522.807 | 51.01 | | |
| LOCATION L0000585 | VOLUME 420179.748 | 3741536.807 | 51.02 | | |
| LOCATION L0000586 | VOLUME 420179.698 | 3741550.806 | 51.03 | | |

| | | | | |
|-------------------|--------|------------|-------------|-------|
| LOCATION L0000587 | VOLUME | 420179.648 | 3741564.806 | 51.04 |
| LOCATION L0000588 | VOLUME | 420179.597 | 3741578.806 | 51.06 |
| LOCATION L0000589 | VOLUME | 420179.547 | 3741592.806 | 51.07 |
| LOCATION L0000590 | VOLUME | 420179.497 | 3741606.806 | 51.08 |
| LOCATION L0000591 | VOLUME | 420179.447 | 3741620.806 | 51.08 |
| LOCATION L0000592 | VOLUME | 420179.396 | 3741634.806 | 51.07 |
| LOCATION L0000593 | VOLUME | 420179.346 | 3741648.806 | 51.07 |
| LOCATION L0000594 | VOLUME | 420179.296 | 3741662.806 | 51.07 |
| LOCATION L0000595 | VOLUME | 420179.246 | 3741676.806 | 51.07 |

** End of LINE VOLUME Source ID = SLINE7

**

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE8

** DESCRSRC Katella W 65%

** PREFIX

** Length of Side = 14.00

** Configuration = Adjacent

** Emission Rate = 0.00001257

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 19

** 420232.141, 3741262.444, 50.07, 3.49, 6.51

** 420204.450, 3741314.238, 50.27, 3.49, 6.51

** 420088.554, 3741314.751, 49.04, 3.49, 6.51

** 419804.970, 3741318.340, 48.03, 3.49, 6.51

** 419719.331, 3741303.982, 48.00, 3.49, 6.51

** 419648.050, 3741276.803, 47.20, 3.49, 6.51

** 419607.538, 3741242.444, 47.04, 3.49, 6.51

** 419567.539, 3741200.394, 46.79, 3.49, 6.51

** 419553.180, 3741181.420, 46.86, 3.49, 6.51

** 419524.976, 3741140.908, 46.70, 3.49, 6.51

** 419485.489, 3741089.114, 46.00, 3.49, 6.51

** 419461.387, 3741066.550, 46.00, 3.49, 6.51

** 419422.414, 3741033.731, 46.00, 3.49, 6.51

** 419375.748, 3741012.705, 46.00, 3.49, 6.51

** 419335.236, 3741001.936, 46.00, 3.49, 6.51

** 419266.006, 3740992.193, 46.00, 3.49, 6.51

** 419177.803, 3740994.757, 46.00, 3.49, 6.51

** 418800.887, 3741002.962, 46.00, 3.49, 6.51

** 418388.075, 3741005.013, 45.00, 3.49, 6.51

**

| | | | | |
|-------------------|--------|------------|-------------|-------|
| LOCATION L0000596 | VOLUME | 420228.841 | 3741268.617 | 50.25 |
| LOCATION L0000597 | VOLUME | 420222.240 | 3741280.963 | 50.31 |
| LOCATION L0000598 | VOLUME | 420215.639 | 3741293.309 | 50.34 |
| LOCATION L0000599 | VOLUME | 420209.038 | 3741305.656 | 50.36 |
| LOCATION L0000600 | VOLUME | 420200.182 | 3741314.257 | 50.31 |
| LOCATION L0000601 | VOLUME | 420186.182 | 3741314.319 | 50.16 |
| LOCATION L0000602 | VOLUME | 420172.182 | 3741314.381 | 50.01 |
| LOCATION L0000603 | VOLUME | 420158.182 | 3741314.443 | 49.83 |
| LOCATION L0000604 | VOLUME | 420144.182 | 3741314.505 | 49.65 |
| LOCATION L0000605 | VOLUME | 420130.182 | 3741314.566 | 49.47 |
| LOCATION L0000606 | VOLUME | 420116.182 | 3741314.628 | 49.29 |
| LOCATION L0000607 | VOLUME | 420102.183 | 3741314.690 | 49.11 |
| LOCATION L0000608 | VOLUME | 420088.183 | 3741314.755 | 49.00 |
| LOCATION L0000609 | VOLUME | 420074.184 | 3741314.933 | 49.00 |
| LOCATION L0000610 | VOLUME | 420060.185 | 3741315.110 | 49.00 |
| LOCATION L0000611 | VOLUME | 420046.186 | 3741315.287 | 49.00 |
| LOCATION L0000612 | VOLUME | 420032.187 | 3741315.464 | 49.00 |
| LOCATION L0000613 | VOLUME | 420018.188 | 3741315.641 | 49.00 |
| LOCATION L0000614 | VOLUME | 420004.189 | 3741315.819 | 49.00 |
| LOCATION L0000615 | VOLUME | 419990.191 | 3741315.996 | 49.00 |
| LOCATION L0000616 | VOLUME | 419976.192 | 3741316.173 | 49.00 |
| LOCATION L0000617 | VOLUME | 419962.193 | 3741316.350 | 49.00 |
| LOCATION L0000618 | VOLUME | 419948.194 | 3741316.527 | 49.00 |
| LOCATION L0000619 | VOLUME | 419934.195 | 3741316.705 | 48.93 |
| LOCATION L0000620 | VOLUME | 419920.196 | 3741316.882 | 48.75 |

| | | | | | |
|----------|----------|--------|------------|-------------|-------|
| LOCATION | L0000621 | VOLUME | 419906.197 | 3741317.059 | 48.57 |
| LOCATION | L0000622 | VOLUME | 419892.198 | 3741317.236 | 48.39 |
| LOCATION | L0000623 | VOLUME | 419878.200 | 3741317.413 | 48.20 |
| LOCATION | L0000624 | VOLUME | 419864.201 | 3741317.591 | 48.02 |
| LOCATION | L0000625 | VOLUME | 419850.202 | 3741317.768 | 48.00 |
| LOCATION | L0000626 | VOLUME | 419836.203 | 3741317.945 | 48.00 |
| LOCATION | L0000627 | VOLUME | 419822.204 | 3741318.122 | 48.00 |
| LOCATION | L0000628 | VOLUME | 419808.205 | 3741318.299 | 48.00 |
| LOCATION | L0000629 | VOLUME | 419794.354 | 3741316.560 | 48.00 |
| LOCATION | L0000630 | VOLUME | 419780.546 | 3741314.245 | 48.00 |
| LOCATION | L0000631 | VOLUME | 419766.739 | 3741311.930 | 48.00 |
| LOCATION | L0000632 | VOLUME | 419752.932 | 3741309.615 | 48.00 |
| LOCATION | L0000633 | VOLUME | 419739.125 | 3741307.300 | 48.00 |
| LOCATION | L0000634 | VOLUME | 419725.317 | 3741304.985 | 48.00 |
| LOCATION | L0000635 | VOLUME | 419711.921 | 3741301.156 | 48.00 |
| LOCATION | L0000636 | VOLUME | 419698.840 | 3741296.169 | 47.95 |
| LOCATION | L0000637 | VOLUME | 419685.759 | 3741291.181 | 47.86 |
| LOCATION | L0000638 | VOLUME | 419672.677 | 3741286.193 | 47.76 |
| LOCATION | L0000639 | VOLUME | 419659.596 | 3741281.205 | 47.63 |
| LOCATION | L0000640 | VOLUME | 419646.797 | 3741275.740 | 47.49 |
| LOCATION | L0000641 | VOLUME | 419636.120 | 3741266.684 | 47.30 |
| LOCATION | L0000642 | VOLUME | 419625.442 | 3741257.629 | 47.15 |
| LOCATION | L0000643 | VOLUME | 419614.765 | 3741248.574 | 47.05 |
| LOCATION | L0000644 | VOLUME | 419604.420 | 3741239.167 | 47.00 |
| LOCATION | L0000645 | VOLUME | 419594.771 | 3741229.023 | 47.00 |
| LOCATION | L0000646 | VOLUME | 419585.122 | 3741218.879 | 47.00 |
| LOCATION | L0000647 | VOLUME | 419575.473 | 3741208.735 | 47.00 |
| LOCATION | L0000648 | VOLUME | 419566.038 | 3741198.410 | 47.00 |
| LOCATION | L0000649 | VOLUME | 419557.590 | 3741187.246 | 47.00 |
| LOCATION | L0000650 | VOLUME | 419549.356 | 3741175.927 | 46.97 |
| LOCATION | L0000651 | VOLUME | 419541.357 | 3741164.437 | 46.87 |
| LOCATION | L0000652 | VOLUME | 419533.358 | 3741152.948 | 46.75 |
| LOCATION | L0000653 | VOLUME | 419525.359 | 3741141.458 | 46.57 |
| LOCATION | L0000654 | VOLUME | 419516.894 | 3741130.307 | 46.41 |
| LOCATION | L0000655 | VOLUME | 419508.406 | 3741119.174 | 46.28 |
| LOCATION | L0000656 | VOLUME | 419499.918 | 3741108.040 | 46.17 |
| LOCATION | L0000657 | VOLUME | 419491.430 | 3741096.907 | 46.09 |
| LOCATION | L0000658 | VOLUME | 419482.423 | 3741086.243 | 46.03 |
| LOCATION | L0000659 | VOLUME | 419472.202 | 3741076.675 | 46.00 |
| LOCATION | L0000660 | VOLUME | 419461.982 | 3741067.107 | 46.00 |
| LOCATION | L0000661 | VOLUME | 419451.302 | 3741058.057 | 46.00 |
| LOCATION | L0000662 | VOLUME | 419440.593 | 3741049.039 | 46.00 |
| LOCATION | L0000663 | VOLUME | 419429.884 | 3741040.021 | 46.00 |
| LOCATION | L0000664 | VOLUME | 419418.554 | 3741031.991 | 46.00 |
| LOCATION | L0000665 | VOLUME | 419405.789 | 3741026.240 | 46.00 |
| LOCATION | L0000666 | VOLUME | 419393.025 | 3741020.490 | 46.00 |
| LOCATION | L0000667 | VOLUME | 419380.261 | 3741014.739 | 46.00 |
| LOCATION | L0000668 | VOLUME | 419367.002 | 3741010.380 | 46.00 |
| LOCATION | L0000669 | VOLUME | 419353.471 | 3741006.784 | 46.00 |
| LOCATION | L0000670 | VOLUME | 419339.941 | 3741003.187 | 46.00 |
| LOCATION | L0000671 | VOLUME | 419326.194 | 3741000.664 | 46.00 |
| LOCATION | L0000672 | VOLUME | 419312.330 | 3740998.713 | 46.00 |
| LOCATION | L0000673 | VOLUME | 419298.467 | 3740996.761 | 46.00 |
| LOCATION | L0000674 | VOLUME | 419284.604 | 3740994.810 | 46.00 |
| LOCATION | L0000675 | VOLUME | 419270.740 | 3740992.859 | 46.00 |
| LOCATION | L0000676 | VOLUME | 419256.791 | 3740992.461 | 46.00 |
| LOCATION | L0000677 | VOLUME | 419242.797 | 3740992.868 | 46.00 |
| LOCATION | L0000678 | VOLUME | 419228.803 | 3740993.274 | 46.00 |
| LOCATION | L0000679 | VOLUME | 419214.809 | 3740993.681 | 46.00 |
| LOCATION | L0000680 | VOLUME | 419200.815 | 3740994.088 | 46.00 |
| LOCATION | L0000681 | VOLUME | 419186.820 | 3740994.495 | 46.00 |
| LOCATION | L0000682 | VOLUME | 419172.825 | 3740994.865 | 46.00 |
| LOCATION | L0000683 | VOLUME | 419158.829 | 3740995.170 | 46.00 |
| LOCATION | L0000684 | VOLUME | 419144.832 | 3740995.475 | 46.00 |
| LOCATION | L0000685 | VOLUME | 419130.835 | 3740995.779 | 46.00 |
| LOCATION | L0000686 | VOLUME | 419116.839 | 3740996.084 | 46.00 |

| LOCATION | VOLUME | | | | |
|----------|------------|-------------|-------|--|--|
| L0000687 | 419102.842 | 3740996.389 | 46.00 | | |
| L0000688 | 419088.845 | 3740996.693 | 46.00 | | |
| L0000689 | 419074.849 | 3740996.998 | 46.00 | | |
| L0000690 | 419060.852 | 3740997.303 | 46.00 | | |
| L0000691 | 419046.855 | 3740997.607 | 46.00 | | |
| L0000692 | 419032.859 | 3740997.912 | 46.00 | | |
| L0000693 | 419018.862 | 3740998.217 | 46.00 | | |
| L0000694 | 419004.865 | 3740998.522 | 46.00 | | |
| L0000695 | 418990.869 | 3740998.826 | 46.00 | | |
| L0000696 | 418976.872 | 3740999.131 | 46.00 | | |
| L0000697 | 418962.875 | 3740999.436 | 46.00 | | |
| L0000698 | 418948.878 | 3740999.740 | 46.00 | | |
| L0000699 | 418934.882 | 3741000.045 | 46.00 | | |
| L0000700 | 418920.885 | 3741000.350 | 46.00 | | |
| L0000701 | 418906.888 | 3741000.654 | 46.00 | | |
| L0000702 | 418892.892 | 3741000.959 | 46.00 | | |
| L0000703 | 418878.895 | 3741001.264 | 46.00 | | |
| L0000704 | 418864.898 | 3741001.568 | 46.00 | | |
| L0000705 | 418850.902 | 3741001.873 | 46.00 | | |
| L0000706 | 418836.905 | 3741002.178 | 46.00 | | |
| L0000707 | 418822.908 | 3741002.483 | 46.00 | | |
| L0000708 | 418808.912 | 3741002.787 | 46.00 | | |
| L0000709 | 418794.914 | 3741002.992 | 46.00 | | |
| L0000710 | 418780.914 | 3741003.061 | 46.00 | | |
| L0000711 | 418766.914 | 3741003.131 | 46.00 | | |
| L0000712 | 418752.914 | 3741003.200 | 46.00 | | |
| L0000713 | 418738.914 | 3741003.270 | 46.00 | | |
| L0000714 | 418724.914 | 3741003.339 | 46.00 | | |
| L0000715 | 418710.915 | 3741003.409 | 46.00 | | |
| L0000716 | 418696.915 | 3741003.479 | 46.00 | | |
| L0000717 | 418682.915 | 3741003.548 | 46.00 | | |
| L0000718 | 418668.915 | 3741003.618 | 46.00 | | |
| L0000719 | 418654.915 | 3741003.687 | 46.00 | | |
| L0000720 | 418640.916 | 3741003.757 | 46.00 | | |
| L0000721 | 418626.916 | 3741003.826 | 46.00 | | |
| L0000722 | 418612.916 | 3741003.896 | 46.00 | | |
| L0000723 | 418598.916 | 3741003.965 | 46.00 | | |
| L0000724 | 418584.916 | 3741004.035 | 46.00 | | |
| L0000725 | 418570.916 | 3741004.105 | 46.00 | | |
| L0000726 | 418556.917 | 3741004.174 | 46.00 | | |
| L0000727 | 418542.917 | 3741004.244 | 45.95 | | |
| L0000728 | 418528.917 | 3741004.313 | 45.82 | | |
| L0000729 | 418514.917 | 3741004.383 | 45.70 | | |
| L0000730 | 418500.917 | 3741004.452 | 45.57 | | |
| L0000731 | 418486.917 | 3741004.522 | 45.45 | | |
| L0000732 | 418472.918 | 3741004.592 | 45.32 | | |
| L0000733 | 418458.918 | 3741004.661 | 45.26 | | |
| L0000734 | 418444.918 | 3741004.731 | 45.20 | | |
| L0000735 | 418430.918 | 3741004.800 | 45.15 | | |
| L0000736 | 418416.918 | 3741004.870 | 45.09 | | |
| L0000737 | 418402.918 | 3741004.939 | 45.03 | | |
| L0000738 | 418388.919 | 3741005.009 | 45.00 | | |

** End of LINE VOLUME Source ID = SLINE8

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE9

** DESCRSRC Onsite

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 0.00001213

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 6

** 420489.963, 3740970.585, 51.58, 3.49, 4.00

** 420488.185, 3740764.575, 51.39, 3.49, 4.00

** 420493.741, 3740757.241, 50.95, 3.49, 4.00
** 420578.856, 3740756.352, 51.69, 3.49, 4.00
** 420583.968, 3740762.797, 52.04, 3.49, 4.00
** 420587.079, 3740966.585, 52.44, 3.49, 4.00

**

LOCATION L0000739 VOLUME 420489.926 3740966.290 51.17
LOCATION L0000740 VOLUME 420489.852 3740957.701 51.17
LOCATION L0000741 VOLUME 420489.778 3740949.111 51.17
LOCATION L0000742 VOLUME 420489.704 3740940.521 51.17
LOCATION L0000743 VOLUME 420489.629 3740931.932 51.17
LOCATION L0000744 VOLUME 420489.555 3740923.342 51.17
LOCATION L0000745 VOLUME 420489.481 3740914.752 51.17
LOCATION L0000746 VOLUME 420489.407 3740906.163 51.17
LOCATION L0000747 VOLUME 420489.333 3740897.573 51.17
LOCATION L0000748 VOLUME 420489.259 3740888.983 51.17
LOCATION L0000749 VOLUME 420489.185 3740880.394 51.17
LOCATION L0000750 VOLUME 420489.111 3740871.804 51.17
LOCATION L0000751 VOLUME 420489.036 3740863.214 51.17
LOCATION L0000752 VOLUME 420488.962 3740854.624 51.17
LOCATION L0000753 VOLUME 420488.888 3740846.035 51.17
LOCATION L0000754 VOLUME 420488.814 3740837.445 51.17
LOCATION L0000755 VOLUME 420488.740 3740828.855 51.17
LOCATION L0000756 VOLUME 420488.666 3740820.266 51.17
LOCATION L0000757 VOLUME 420488.592 3740811.676 51.17
LOCATION L0000758 VOLUME 420488.518 3740803.086 51.17
LOCATION L0000759 VOLUME 420488.443 3740794.497 51.17
LOCATION L0000760 VOLUME 420488.369 3740785.907 51.17
LOCATION L0000761 VOLUME 420488.295 3740777.317 51.17
LOCATION L0000762 VOLUME 420488.221 3740768.728 51.16
LOCATION L0000763 VOLUME 420490.865 3740761.038 51.18
LOCATION L0000764 VOLUME 420497.568 3740757.201 51.24
LOCATION L0000765 VOLUME 420506.157 3740757.112 51.33
LOCATION L0000766 VOLUME 420514.747 3740757.022 51.42
LOCATION L0000767 VOLUME 420523.336 3740756.932 51.51
LOCATION L0000768 VOLUME 420531.926 3740756.843 51.60
LOCATION L0000769 VOLUME 420540.515 3740756.753 51.69
LOCATION L0000770 VOLUME 420549.105 3740756.663 51.78
LOCATION L0000771 VOLUME 420557.694 3740756.573 51.83
LOCATION L0000772 VOLUME 420566.284 3740756.484 51.85
LOCATION L0000773 VOLUME 420574.873 3740756.394 51.87
LOCATION L0000774 VOLUME 420581.719 3740759.962 51.91
LOCATION L0000775 VOLUME 420584.043 3740767.768 51.96
LOCATION L0000776 VOLUME 420584.175 3740776.357 52.01
LOCATION L0000777 VOLUME 420584.306 3740784.946 52.05
LOCATION L0000778 VOLUME 420584.437 3740793.535 52.09
LOCATION L0000779 VOLUME 420584.568 3740802.124 52.13
LOCATION L0000780 VOLUME 420584.699 3740810.713 52.17
LOCATION L0000781 VOLUME 420584.830 3740819.302 52.21
LOCATION L0000782 VOLUME 420584.961 3740827.891 52.25
LOCATION L0000783 VOLUME 420585.093 3740836.480 52.29
LOCATION L0000784 VOLUME 420585.224 3740845.069 52.33
LOCATION L0000785 VOLUME 420585.355 3740853.658 52.37
LOCATION L0000786 VOLUME 420585.486 3740862.247 52.41
LOCATION L0000787 VOLUME 420585.617 3740870.836 52.42
LOCATION L0000788 VOLUME 420585.748 3740879.425 52.42
LOCATION L0000789 VOLUME 420585.879 3740888.014 52.42
LOCATION L0000790 VOLUME 420586.010 3740896.603 52.42
LOCATION L0000791 VOLUME 420586.142 3740905.192 52.43
LOCATION L0000792 VOLUME 420586.273 3740913.781 52.43
LOCATION L0000793 VOLUME 420586.404 3740922.370 52.43
LOCATION L0000794 VOLUME 420586.535 3740930.959 52.43
LOCATION L0000795 VOLUME 420586.666 3740939.548 52.43
LOCATION L0000796 VOLUME 420586.797 3740948.137 52.43
LOCATION L0000797 VOLUME 420586.928 3740956.726 52.43
LOCATION L0000798 VOLUME 420587.059 3740965.315 52.43

** End of LINE VOLUME Source ID = SLINE9

| | | | | |
|-------------------|--------------|------|------|------|
| SRCPARAM L0000778 | 0.0000002022 | 3.49 | 4.00 | 3.25 |
| SRCPARAM L0000779 | 0.0000002022 | 3.49 | 4.00 | 3.25 |
| SRCPARAM L0000780 | 0.0000002022 | 3.49 | 4.00 | 3.25 |
| SRCPARAM L0000781 | 0.0000002022 | 3.49 | 4.00 | 3.25 |
| SRCPARAM L0000782 | 0.0000002022 | 3.49 | 4.00 | 3.25 |
| SRCPARAM L0000783 | 0.0000002022 | 3.49 | 4.00 | 3.25 |
| SRCPARAM L0000784 | 0.0000002022 | 3.49 | 4.00 | 3.25 |
| SRCPARAM L0000785 | 0.0000002022 | 3.49 | 4.00 | 3.25 |
| SRCPARAM L0000786 | 0.0000002022 | 3.49 | 4.00 | 3.25 |
| SRCPARAM L0000787 | 0.0000002022 | 3.49 | 4.00 | 3.25 |
| SRCPARAM L0000788 | 0.0000002022 | 3.49 | 4.00 | 3.25 |
| SRCPARAM L0000789 | 0.0000002022 | 3.49 | 4.00 | 3.25 |
| SRCPARAM L0000790 | 0.0000002022 | 3.49 | 4.00 | 3.25 |
| SRCPARAM L0000791 | 0.0000002022 | 3.49 | 4.00 | 3.25 |
| SRCPARAM L0000792 | 0.0000002022 | 3.49 | 4.00 | 3.25 |
| SRCPARAM L0000793 | 0.0000002022 | 3.49 | 4.00 | 3.25 |
| SRCPARAM L0000794 | 0.0000002022 | 3.49 | 4.00 | 3.25 |
| SRCPARAM L0000795 | 0.0000002022 | 3.49 | 4.00 | 3.25 |
| SRCPARAM L0000796 | 0.0000002022 | 3.49 | 4.00 | 3.25 |
| SRCPARAM L0000797 | 0.0000002022 | 3.49 | 4.00 | 3.25 |
| SRCPARAM L0000798 | 0.0000002022 | 3.49 | 4.00 | 3.25 |

**

 URBANSRC ALL
 SRCGROUP ALL

SO FINISHED

**

** AERMOD Receptor Pathway

**

**

RE STARTING

INCLUDED "13101 Ops.rou"

RE FINISHED

**

** AERMOD Meteorology Pathway

**

**

ME STARTING

SURFFILE KSNA_V9_ADJU\KSNA_v9.SFC

PROFFILE KSNA_V9_ADJU\KSNA_v9.PFL

SURFDATA 93184 2012

UAIRDATA 3190 2012

PROFBASE 17.0 METERS

ME FINISHED

**

** AERMOD Output Pathway

**

**

OU STARTING

** Auto-Generated Plotfiles

PLOTFILE ANNUAL ALL "13101 Ops.AD\AN00GALL.PLT" 31

SUMMFILE "13101 Ops.sum"

OU FINISHED

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

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

A Total of 0 Fatal Error Message(s)

A Total of 2 Warning Message(s)

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

***** WARNING MESSAGES *****

ME W186 1036 MEOpen: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1036 MEOpen: ADJ_U* Option for Stable Low Winds used in AERMET

*** SETUP Finishes Successfully ***

*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\13101 534
Struck\13101 Ops\1310 *** 10/24/22

*** AERMET - VERSION 16216 ***
*** 10:47:55

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY ***

** Model Options Selected:

- * Model Uses Regulatory DEFAULT Options
- * Model Is Setup For Calculation of Average CONCentration Values.
- * NO GAS DEPOSITION Data Provided.
- * NO PARTICLE DEPOSITION Data Provided.
- * Model Uses NO DRY DEPLETION. DDPLETE = F
- * Model Uses NO WET DEPLETION. WETDPLT = F
- * Stack-tip Downwash.
- * Model Accounts for ELEVated Terrain Effects.
- * Use Calms Processing Routine.
- * Use Missing Data Processing Routine.
- * No Exponential Decay.
- * Model Uses URBAN Dispersion Algorithm for the SBL for 399 Source(s),
for Total of 1 Urban Area(s):
- Urban Population = 3010232.0 ; Urban Roughness Length = 1.000 m
- * Urban Roughness Length of 1.0 Meter Used.
- * ADJ_U* - Use ADJ_U* option for SBL in AERMET
- * CCVR_Sub - Meteorological data includes CCVR substitutions
- * TEMP_Sub - Meteorological data includes TEMP substitutions
- * Model Assumes No FLAGPOLE Receptor Heights.
- * The User Specified a Pollutant Type of: DPM

**Model Calculates ANNUAL Averages Only

**This Run Includes: 399 Source(s); 1 Source Group(s); and 53 Receptor(s)

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

and: 399 VOLUME source(s)

and: 0 AREA type source(s)

and: 0 LINE source(s)

and: 0 RLINE/RLINEXT source(s)

and: 0 OPENPIT source(s)

and: 0 BUOYANT LINE source(s) with a total of 0 line(s)

and: 0 SWPOINT source(s)

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

**The AERMET Input Meteorological Data Version Date: 16216

**Output Options Selected:

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

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

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 17.00 ; 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: 13101

Ops.err

**File for Summary of Results: 13101

Ops.sum

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

| SOURCE | NUMBER | EMISSION RATE | | | BASE | RELEASE | INIT. | INIT. |
|----------|-------------|---------------|----------|-----------|----------|----------|----------|----------|
| SOURCE | URBAN | EMISSION RATE | | | ELEV. | HEIGHT | SY | SZ |
| ID | PART. | (GRAMS/SEC) | X | Y | (METERS) | (METERS) | (METERS) | (METERS) |
| (METERS) | SCALAR VARY | BY | | | | | | |
| | ID | CATS. | | | | | | |
| L0000400 | 0 | 0.43770E-06 | 420512.9 | 3740925.4 | 51.5 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | |
| L0000401 | 0 | 0.43770E-06 | 420512.8 | 3740916.8 | 51.5 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | |
| L0000402 | 0 | 0.43770E-06 | 420512.8 | 3740908.2 | 51.5 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | |
| L0000403 | 0 | 0.43770E-06 | 420512.8 | 3740899.6 | 51.5 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | |
| L0000404 | 0 | 0.43770E-06 | 420512.7 | 3740891.0 | 51.5 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | |
| L0000405 | 0 | 0.43770E-06 | 420512.7 | 3740882.4 | 51.5 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | |
| L0000406 | 0 | 0.43770E-06 | 420512.6 | 3740873.8 | 51.5 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | |
| L0000407 | 0 | 0.43770E-06 | 420512.6 | 3740865.3 | 51.5 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | |
| L0000408 | 0 | 0.43770E-06 | 420512.6 | 3740856.7 | 51.5 | 3.49 | 4.00 | 3.25 |

| | | | | | | | | |
|----------|---|-------------|----------|-----------|------|------|------|------|
| YES | | | | | | | | |
| L0000409 | 0 | 0.43770E-06 | 420512.5 | 3740848.1 | 51.5 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | |
| L0000410 | 0 | 0.43770E-06 | 420512.5 | 3740839.5 | 51.5 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | |
| L0000411 | 0 | 0.43770E-06 | 420512.4 | 3740830.9 | 51.5 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | |
| L0000412 | 0 | 0.43770E-06 | 420512.4 | 3740822.3 | 51.5 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | |
| L0000413 | 0 | 0.43770E-06 | 420512.3 | 3740813.7 | 51.5 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | |
| L0000414 | 0 | 0.43770E-06 | 420512.3 | 3740805.1 | 51.5 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | |
| L0000415 | 0 | 0.43770E-06 | 420512.3 | 3740796.5 | 51.5 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | |
| L0000416 | 0 | 0.43770E-06 | 420512.2 | 3740787.9 | 51.5 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | |
| L0000417 | 0 | 0.43770E-06 | 420512.2 | 3740779.4 | 51.5 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | |
| L0000418 | 0 | 0.43770E-06 | 420512.1 | 3740770.8 | 51.5 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | |
| L0000419 | 0 | 0.43770E-06 | 420562.1 | 3740925.0 | 52.1 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | |
| L0000420 | 0 | 0.43770E-06 | 420562.0 | 3740916.4 | 52.1 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | |
| L0000421 | 0 | 0.43770E-06 | 420561.9 | 3740907.8 | 52.1 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | |
| L0000422 | 0 | 0.43770E-06 | 420561.8 | 3740899.2 | 52.1 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | |
| L0000423 | 0 | 0.43770E-06 | 420561.7 | 3740890.6 | 52.1 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | |
| L0000424 | 0 | 0.43770E-06 | 420561.6 | 3740882.1 | 52.1 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | |
| L0000425 | 0 | 0.43770E-06 | 420561.5 | 3740873.5 | 52.1 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | |
| L0000426 | 0 | 0.43770E-06 | 420561.4 | 3740864.9 | 52.1 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | |
| L0000427 | 0 | 0.43770E-06 | 420561.3 | 3740856.3 | 52.1 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | |
| L0000428 | 0 | 0.43770E-06 | 420561.2 | 3740847.7 | 52.1 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | |
| L0000429 | 0 | 0.43770E-06 | 420561.1 | 3740839.1 | 52.1 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | |
| L0000430 | 0 | 0.43770E-06 | 420561.0 | 3740830.5 | 52.1 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | |
| L0000431 | 0 | 0.43770E-06 | 420560.9 | 3740821.9 | 52.1 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | |
| L0000432 | 0 | 0.43770E-06 | 420560.8 | 3740813.3 | 52.0 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | |
| L0000433 | 0 | 0.43770E-06 | 420560.7 | 3740804.7 | 52.0 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | |
| L0000434 | 0 | 0.43770E-06 | 420560.6 | 3740796.2 | 52.0 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | |
| L0000435 | 0 | 0.43770E-06 | 420560.5 | 3740787.6 | 52.0 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | |
| L0000436 | 0 | 0.43770E-06 | 420560.4 | 3740779.0 | 52.0 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | |
| L0000437 | 0 | 0.43770E-06 | 420560.3 | 3740770.4 | 52.0 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | |
| L0000438 | 0 | 0.83900E-07 | 420586.0 | 3740978.1 | 52.4 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | |
| L0000439 | 0 | 0.83900E-07 | 420577.4 | 3740978.2 | 52.3 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | |

*** 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. | | | (METERS) | (METERS) | (METERS) | (METERS) | (METERS) | |
| | SCALAR | VARY | BY | | | | | | |
| L0000440 | 0 | 0.83900E-07 | | 420568.8 | 3740978.3 | 52.2 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | | |
| L0000441 | 0 | 0.83900E-07 | | 420560.3 | 3740978.4 | 52.1 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | | |
| L0000442 | 0 | 0.83900E-07 | | 420551.7 | 3740978.5 | 52.0 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | | |
| L0000443 | 0 | 0.83900E-07 | | 420543.1 | 3740978.5 | 51.9 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | | |
| L0000444 | 0 | 0.83900E-07 | | 420534.5 | 3740978.6 | 51.8 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | | |
| L0000445 | 0 | 0.83900E-07 | | 420525.9 | 3740978.7 | 51.6 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | | |
| L0000446 | 0 | 0.83900E-07 | | 420517.3 | 3740978.8 | 51.5 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | | |
| L0000447 | 0 | 0.83900E-07 | | 420508.7 | 3740978.9 | 51.4 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | | |
| L0000448 | 0 | 0.83900E-07 | | 420500.1 | 3740979.0 | 51.3 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | | |
| L0000449 | 0 | 0.83900E-07 | | 420491.5 | 3740979.1 | 51.2 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | | |
| L0000450 | 0 | 0.83900E-07 | | 420483.0 | 3740979.2 | 51.1 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | | |
| L0000451 | 0 | 0.83900E-07 | | 420474.4 | 3740979.2 | 51.0 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | | |
| L0000452 | 0 | 0.83900E-07 | | 420465.8 | 3740979.3 | 51.0 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | | |
| L0000453 | 0 | 0.83900E-07 | | 420457.2 | 3740979.4 | 51.0 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | | |
| L0000454 | 0 | 0.83900E-07 | | 420448.6 | 3740979.5 | 51.0 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | | |
| L0000455 | 0 | 0.83900E-07 | | 420440.0 | 3740979.6 | 51.0 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | | |
| L0000456 | 0 | 0.83900E-07 | | 420431.4 | 3740979.7 | 51.0 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | | |
| L0000457 | 0 | 0.83900E-07 | | 420422.8 | 3740979.8 | 51.0 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | | |
| L0000458 | 0 | 0.83900E-07 | | 420414.2 | 3740979.9 | 51.0 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | | |
| L0000459 | 0 | 0.83900E-07 | | 420405.6 | 3740979.9 | 51.0 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | | |
| L0000460 | 0 | 0.83900E-07 | | 420397.1 | 3740980.0 | 51.0 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | | |
| L0000461 | 0 | 0.83900E-07 | | 420388.5 | 3740980.1 | 51.0 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | | |
| L0000462 | 0 | 0.83900E-07 | | 420379.9 | 3740980.2 | 51.0 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | | |
| L0000463 | 0 | 0.83900E-07 | | 420371.3 | 3740980.3 | 51.0 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | | |
| L0000464 | 0 | 0.83900E-07 | | 420362.7 | 3740980.4 | 51.0 | 3.49 | 4.00 | 3.25 |

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YES
L0000465      0  0.83900E-07  420354.1 3740980.5   51.0   3.49   4.00   3.25
YES
L0000466      0  0.83900E-07  420345.5 3740980.6   51.0   3.49   4.00   3.25
YES
L0000467      0  0.83900E-07  420336.9 3740980.7   51.0   3.49   4.00   3.25
YES
L0000468      0  0.83900E-07  420328.3 3740980.7   51.0   3.49   4.00   3.25
YES
L0000469      0  0.83900E-07  420319.8 3740980.8   51.0   3.49   4.00   3.25
YES
L0000470      0  0.83900E-07  420311.2 3740980.9   50.8   3.49   4.00   3.25
YES
L0000471      0  0.83900E-07  420302.6 3740981.0   50.7   3.49   4.00   3.25
YES
L0000472      0  0.83900E-07  420294.0 3740981.1   50.6   3.49   4.00   3.25
YES
L0000473      0  0.83900E-07  420285.4 3740981.2   50.5   3.49   4.00   3.25
YES
L0000474      0  0.83900E-07  420276.8 3740981.3   50.4   3.49   4.00   3.25
YES
L0000475      0  0.83900E-07  420268.2 3740981.4   50.3   3.49   4.00   3.25
YES
L0000476      0  0.83900E-07  420259.6 3740981.4   50.2   3.49   4.00   3.25
YES
L0000477      0  0.66670E-08  420240.7 3740975.2   49.9   3.49   6.51   3.25
YES
L0000478      0  0.66670E-08  420240.5 3740961.2   49.9   3.49   6.51   3.25
YES
L0000479      0  0.66670E-08  420240.3 3740947.2   49.9   3.49   6.51   3.25
YES

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*** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\13101 534
Struck\13101 Ops\1310 ***      10/24/22

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*** AERMET - VERSION 16216 ***

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*** MODELOPTs:  RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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*** VOLUME SOURCE DATA ***

```

| SOURCE | NUMBER | EMISSION | RATE | | | BASE | RELEASE | INIT. | INIT. |
|----------|--------|-------------|----------|-----------|----------|----------|----------|----------|-------|
| SOURCE | URBAN | EMISSION | RATE | X | Y | ELEV. | HEIGHT | SY | SZ |
| SCALAR | PART. | (GRAMS/SEC) | | (METERS) | (METERS) | (METERS) | (METERS) | (METERS) | |
| ID | CATS. | BY | | | | | | | |
| (METERS) | | | | | | | | | |
| L0000480 | 0 | 0.66670E-08 | 420240.2 | 3740933.2 | 49.9 | 3.49 | 6.51 | 3.25 | |
| YES | | | | | | | | | |
| L0000481 | 0 | 0.66670E-08 | 420240.0 | 3740919.2 | 49.9 | 3.49 | 6.51 | 3.25 | |
| YES | | | | | | | | | |
| L0000482 | 0 | 0.66670E-08 | 420239.8 | 3740905.2 | 49.9 | 3.49 | 6.51 | 3.25 | |
| YES | | | | | | | | | |
| L0000483 | 0 | 0.66670E-08 | 420239.6 | 3740891.2 | 49.9 | 3.49 | 6.51 | 3.25 | |
| YES | | | | | | | | | |
| L0000484 | 0 | 0.66670E-08 | 420239.5 | 3740877.2 | 49.9 | 3.49 | 6.51 | 3.25 | |
| YES | | | | | | | | | |
| L0000485 | 0 | 0.66670E-08 | 420239.3 | 3740863.2 | 49.9 | 3.49 | 6.51 | 3.25 | |
| YES | | | | | | | | | |
| L0000486 | 0 | 0.66670E-08 | 420239.1 | 3740849.2 | 49.9 | 3.49 | 6.51 | 3.25 | |
| YES | | | | | | | | | |
| L0000487 | 0 | 0.66670E-08 | 420238.9 | 3740835.2 | 49.9 | 3.49 | 6.51 | 3.25 | |

| | | | | | | | | |
|----------|---|-------------|----------|-----------|------|------|------|------|
| YES | | | | | | | | |
| L0000488 | 0 | 0.66670E-08 | 420238.8 | 3740821.3 | 49.9 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000489 | 0 | 0.66670E-08 | 420238.6 | 3740807.3 | 49.9 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000490 | 0 | 0.66670E-08 | 420238.4 | 3740793.3 | 49.9 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000491 | 0 | 0.66670E-08 | 420238.2 | 3740779.3 | 49.9 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000492 | 0 | 0.66670E-08 | 420238.1 | 3740765.3 | 49.8 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000493 | 0 | 0.66670E-08 | 420237.9 | 3740751.3 | 49.7 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000494 | 0 | 0.66670E-08 | 420237.7 | 3740737.3 | 49.5 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000495 | 0 | 0.66670E-08 | 420237.6 | 3740723.3 | 49.4 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000496 | 0 | 0.66670E-08 | 420237.4 | 3740709.3 | 49.2 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000497 | 0 | 0.66670E-08 | 420237.2 | 3740695.3 | 49.1 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000498 | 0 | 0.66670E-08 | 420237.0 | 3740681.3 | 49.0 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000499 | 0 | 0.66670E-08 | 420236.9 | 3740667.3 | 49.0 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000500 | 0 | 0.66670E-08 | 420236.7 | 3740653.3 | 49.0 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000501 | 0 | 0.66670E-08 | 420236.5 | 3740639.3 | 49.0 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000502 | 0 | 0.66670E-08 | 420236.3 | 3740625.3 | 49.0 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000503 | 0 | 0.66670E-08 | 420236.2 | 3740611.3 | 49.0 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000504 | 0 | 0.12790E-06 | 420240.2 | 3740989.5 | 49.9 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000505 | 0 | 0.12790E-06 | 420240.4 | 3741003.5 | 49.9 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000506 | 0 | 0.12790E-06 | 420240.5 | 3741017.5 | 49.9 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000507 | 0 | 0.12790E-06 | 420240.6 | 3741031.5 | 49.9 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000508 | 0 | 0.12790E-06 | 420240.7 | 3741045.5 | 49.9 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000509 | 0 | 0.12790E-06 | 420240.8 | 3741059.5 | 49.9 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000510 | 0 | 0.12790E-06 | 420241.0 | 3741073.5 | 49.9 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000511 | 0 | 0.12790E-06 | 420241.1 | 3741087.5 | 50.0 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000512 | 0 | 0.12790E-06 | 420241.2 | 3741101.5 | 50.0 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000513 | 0 | 0.12790E-06 | 420241.3 | 3741115.5 | 50.0 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000514 | 0 | 0.12790E-06 | 420241.4 | 3741129.5 | 50.0 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000515 | 0 | 0.12790E-06 | 420241.5 | 3741143.5 | 50.0 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000516 | 0 | 0.12790E-06 | 420241.7 | 3741157.5 | 50.0 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000517 | 0 | 0.12790E-06 | 420241.8 | 3741171.5 | 50.0 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000518 | 0 | 0.12790E-06 | 420241.9 | 3741185.5 | 50.0 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000519 | 0 | 0.12790E-06 | 420242.0 | 3741199.5 | 50.0 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

| SOURCE | NUMBER | EMISSION | RATE | | | BASE | RELEASE | INIT. | INIT. |
|----------|--------|-------------|------|----------|-----------|----------|----------|----------|-------|
| SOURCE | URBAN | EMISSION | RATE | X | Y | ELEV. | HEIGHT | SY | SZ |
| ID | PART. | (GRAMS/SEC) | | (METERS) | (METERS) | (METERS) | (METERS) | (METERS) | |
| (METERS) | CATS. | BY | | | | | | | |
| L0000520 | 0 | 0.12790E-06 | | 420242.1 | 3741213.5 | 50.0 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | | |
| L0000521 | 0 | 0.12790E-06 | | 420242.3 | 3741227.5 | 50.0 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | | |
| L0000522 | 0 | 0.12790E-06 | | 420242.4 | 3741241.5 | 50.0 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | | |
| L0000523 | 0 | 0.33690E-07 | | 420243.4 | 3741255.4 | 50.2 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | | |
| L0000524 | 0 | 0.33690E-07 | | 420243.5 | 3741269.4 | 50.3 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | | |
| L0000525 | 0 | 0.33690E-07 | | 420243.5 | 3741283.4 | 50.5 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | | |
| L0000526 | 0 | 0.33690E-07 | | 420243.6 | 3741297.4 | 50.6 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | | |
| L0000527 | 0 | 0.33690E-07 | | 420243.7 | 3741311.4 | 50.7 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | | |
| L0000528 | 0 | 0.33690E-07 | | 420255.5 | 3741313.6 | 50.8 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | | |
| L0000529 | 0 | 0.33690E-07 | | 420269.5 | 3741313.5 | 50.9 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | | |
| L0000530 | 0 | 0.33690E-07 | | 420283.5 | 3741313.5 | 50.9 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | | |
| L0000531 | 0 | 0.33690E-07 | | 420297.5 | 3741313.5 | 50.9 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | | |
| L0000532 | 0 | 0.33690E-07 | | 420311.5 | 3741313.4 | 51.0 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | | |
| L0000533 | 0 | 0.33690E-07 | | 420325.5 | 3741313.4 | 51.0 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | | |
| L0000534 | 0 | 0.33690E-07 | | 420339.5 | 3741313.4 | 51.1 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | | |
| L0000535 | 0 | 0.33690E-07 | | 420353.5 | 3741313.3 | 51.3 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | | |
| L0000536 | 0 | 0.33690E-07 | | 420367.5 | 3741313.3 | 51.4 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | | |
| L0000537 | 0 | 0.33690E-07 | | 420381.5 | 3741313.3 | 51.6 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | | |
| L0000538 | 0 | 0.33690E-07 | | 420395.5 | 3741313.2 | 51.8 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | | |
| L0000539 | 0 | 0.33690E-07 | | 420409.5 | 3741313.2 | 51.8 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | | |
| L0000540 | 0 | 0.33690E-07 | | 420423.5 | 3741313.2 | 51.9 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | | |
| L0000541 | 0 | 0.33690E-07 | | 420437.5 | 3741313.1 | 51.9 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | | |
| L0000542 | 0 | 0.33690E-07 | | 420451.5 | 3741313.1 | 51.9 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | | |
| L0000543 | 0 | 0.33690E-07 | | 420465.5 | 3741313.1 | 52.0 | 3.49 | 6.51 | 3.25 |

```

YES
L0000544      0  0.33690E-07  420479.5 3741313.0    52.0    3.49    6.51    3.25
YES
L0000545      0  0.33690E-07  420493.5 3741313.0    52.2    3.49    6.51    3.25
YES
L0000546      0  0.33690E-07  420507.5 3741313.0    52.4    3.49    6.51    3.25
YES
L0000547      0  0.33690E-07  420521.5 3741312.9    52.5    3.49    6.51    3.25
YES
L0000548      0  0.33690E-07  420535.5 3741312.9    52.7    3.49    6.51    3.25
YES
L0000549      0  0.33690E-07  420549.5 3741312.9    52.9    3.49    6.51    3.25
YES
L0000550      0  0.33690E-07  420563.5 3741312.8    53.0    3.49    6.51    3.25
YES
L0000551      0  0.33690E-07  420577.5 3741312.8    53.0    3.49    6.51    3.25
YES
L0000552      0  0.33690E-07  420591.5 3741312.8    53.0    3.49    6.51    3.25
YES
L0000553      0  0.33690E-07  420605.5 3741312.7    53.0    3.49    6.51    3.25
YES
L0000554      0  0.33690E-07  420619.5 3741312.7    53.0    3.49    6.51    3.25
YES
L0000555      0  0.33690E-07  420633.5 3741312.7    53.0    3.49    6.51    3.25
YES
L0000556      0  0.33690E-07  420647.5 3741312.6    53.2    3.49    6.51    3.25
YES
L0000557      0  0.33690E-07  420661.5 3741312.6    53.4    3.49    6.51    3.25
YES
L0000558      0  0.33690E-07  420675.5 3741312.6    53.5    3.49    6.51    3.25
YES
L0000559      0  0.33690E-07  420689.5 3741312.5    53.7    3.49    6.51    3.25
YES

```

```

*** AERMOD - VERSION 22112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\13101 534
Struck\13101 Ops\1310 ***          10/24/22
*** AERMET - VERSION 16216 ***
***                                     ***          10:47:55

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

| SOURCE | NUMBER | EMISSION | RATE | | BASE | RELEASE | INIT. | INIT. |
|----------|--------|-------------|----------|-----------|----------|----------|----------|----------|
| SOURCE | URBAN | EMISSION | RATE | X | ELEV. | HEIGHT | SY | SZ |
| ID | PART. | (GRAMS/SEC) | | | (METERS) | (METERS) | (METERS) | (METERS) |
| (METERS) | SCALAR | VARY | | (METERS) | (METERS) | (METERS) | (METERS) | (METERS) |
| | CATS. | BY | | | | | | |
| L0000560 | 0 | 0.33690E-07 | 420703.5 | 3741312.5 | 53.9 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000561 | 0 | 0.33690E-07 | 420717.5 | 3741312.5 | 54.0 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000562 | 0 | 0.33690E-07 | 420731.5 | 3741312.4 | 54.0 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000563 | 0 | 0.33690E-07 | 420745.5 | 3741312.4 | 54.0 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000564 | 0 | 0.33690E-07 | 420759.5 | 3741312.4 | 54.0 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000565 | 0 | 0.67060E-08 | 420229.8 | 3741268.4 | 50.2 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000566 | 0 | 0.67060E-08 | 420223.2 | 3741280.7 | 50.3 | 3.49 | 6.51 | 3.25 |

| | | | | | | | | |
|----------|---|-------------|----------|-----------|------|------|------|------|
| YES | | | | | | | | |
| L0000567 | 0 | 0.67060E-08 | 420216.5 | 3741293.0 | 50.3 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000568 | 0 | 0.67060E-08 | 420209.8 | 3741305.3 | 50.4 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000569 | 0 | 0.67060E-08 | 420203.2 | 3741317.6 | 50.4 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000570 | 0 | 0.67060E-08 | 420196.5 | 3741329.9 | 50.3 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000571 | 0 | 0.67060E-08 | 420190.7 | 3741342.6 | 50.2 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000572 | 0 | 0.67060E-08 | 420185.9 | 3741355.8 | 50.2 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000573 | 0 | 0.67060E-08 | 420181.2 | 3741369.0 | 50.1 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000574 | 0 | 0.67060E-08 | 420180.3 | 3741382.8 | 50.1 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000575 | 0 | 0.67060E-08 | 420180.2 | 3741396.8 | 50.1 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000576 | 0 | 0.67060E-08 | 420180.2 | 3741410.8 | 50.1 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000577 | 0 | 0.67060E-08 | 420180.1 | 3741424.8 | 50.1 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000578 | 0 | 0.67060E-08 | 420180.1 | 3741438.8 | 50.2 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000579 | 0 | 0.67060E-08 | 420180.0 | 3741452.8 | 50.4 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000580 | 0 | 0.67060E-08 | 420180.0 | 3741466.8 | 50.5 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000581 | 0 | 0.67060E-08 | 420179.9 | 3741480.8 | 50.6 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000582 | 0 | 0.67060E-08 | 420179.9 | 3741494.8 | 50.8 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000583 | 0 | 0.67060E-08 | 420179.8 | 3741508.8 | 50.9 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000584 | 0 | 0.67060E-08 | 420179.8 | 3741522.8 | 51.0 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000585 | 0 | 0.67060E-08 | 420179.7 | 3741536.8 | 51.0 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000586 | 0 | 0.67060E-08 | 420179.7 | 3741550.8 | 51.0 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000587 | 0 | 0.67060E-08 | 420179.6 | 3741564.8 | 51.0 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000588 | 0 | 0.67060E-08 | 420179.6 | 3741578.8 | 51.1 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000589 | 0 | 0.67060E-08 | 420179.5 | 3741592.8 | 51.1 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000590 | 0 | 0.67060E-08 | 420179.5 | 3741606.8 | 51.1 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000591 | 0 | 0.67060E-08 | 420179.4 | 3741620.8 | 51.1 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000592 | 0 | 0.67060E-08 | 420179.4 | 3741634.8 | 51.1 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000593 | 0 | 0.67060E-08 | 420179.3 | 3741648.8 | 51.1 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000594 | 0 | 0.67060E-08 | 420179.3 | 3741662.8 | 51.1 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000595 | 0 | 0.67060E-08 | 420179.2 | 3741676.8 | 51.1 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000596 | 0 | 0.87900E-07 | 420228.8 | 3741268.6 | 50.2 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000597 | 0 | 0.87900E-07 | 420222.2 | 3741281.0 | 50.3 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000598 | 0 | 0.87900E-07 | 420215.6 | 3741293.3 | 50.3 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000599 | 0 | 0.87900E-07 | 420209.0 | 3741305.7 | 50.4 | 3.49 | 6.51 | 3.25 |

YES

*** AERMOD - VERSION 22112 *** C:\Users\Michael Tirohn\Desktop\HRAs\13101 534

Struck\13101 Ops\1310 *** 10/24/22

*** AERMET - VERSION 16216 ***

10:47:55

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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 | |
| SCALAR VARY | CATS. | BY | (METERS) | (METERS) | (METERS) | (METERS) | (METERS) | (METERS) | |
| ID | | | | | | | | | |
| (METERS) | | | | | | | | | |
| L0000600 | 0 | 0.87900E-07 | 420200.2 | 3741314.3 | 50.3 | 3.49 | 6.51 | 3.25 | |
| YES | | | | | | | | | |
| L0000601 | 0 | 0.87900E-07 | 420186.2 | 3741314.3 | 50.2 | 3.49 | 6.51 | 3.25 | |
| YES | | | | | | | | | |
| L0000602 | 0 | 0.87900E-07 | 420172.2 | 3741314.4 | 50.0 | 3.49 | 6.51 | 3.25 | |
| YES | | | | | | | | | |
| L0000603 | 0 | 0.87900E-07 | 420158.2 | 3741314.4 | 49.8 | 3.49 | 6.51 | 3.25 | |
| YES | | | | | | | | | |
| L0000604 | 0 | 0.87900E-07 | 420144.2 | 3741314.5 | 49.6 | 3.49 | 6.51 | 3.25 | |
| YES | | | | | | | | | |
| L0000605 | 0 | 0.87900E-07 | 420130.2 | 3741314.6 | 49.5 | 3.49 | 6.51 | 3.25 | |
| YES | | | | | | | | | |
| L0000606 | 0 | 0.87900E-07 | 420116.2 | 3741314.6 | 49.3 | 3.49 | 6.51 | 3.25 | |
| YES | | | | | | | | | |
| L0000607 | 0 | 0.87900E-07 | 420102.2 | 3741314.7 | 49.1 | 3.49 | 6.51 | 3.25 | |
| YES | | | | | | | | | |
| L0000608 | 0 | 0.87900E-07 | 420088.2 | 3741314.8 | 49.0 | 3.49 | 6.51 | 3.25 | |
| YES | | | | | | | | | |
| L0000609 | 0 | 0.87900E-07 | 420074.2 | 3741314.9 | 49.0 | 3.49 | 6.51 | 3.25 | |
| YES | | | | | | | | | |
| L0000610 | 0 | 0.87900E-07 | 420060.2 | 3741315.1 | 49.0 | 3.49 | 6.51 | 3.25 | |
| YES | | | | | | | | | |
| L0000611 | 0 | 0.87900E-07 | 420046.2 | 3741315.3 | 49.0 | 3.49 | 6.51 | 3.25 | |
| YES | | | | | | | | | |
| L0000612 | 0 | 0.87900E-07 | 420032.2 | 3741315.5 | 49.0 | 3.49 | 6.51 | 3.25 | |
| YES | | | | | | | | | |
| L0000613 | 0 | 0.87900E-07 | 420018.2 | 3741315.6 | 49.0 | 3.49 | 6.51 | 3.25 | |
| YES | | | | | | | | | |
| L0000614 | 0 | 0.87900E-07 | 420004.2 | 3741315.8 | 49.0 | 3.49 | 6.51 | 3.25 | |
| YES | | | | | | | | | |
| L0000615 | 0 | 0.87900E-07 | 419990.2 | 3741316.0 | 49.0 | 3.49 | 6.51 | 3.25 | |
| YES | | | | | | | | | |
| L0000616 | 0 | 0.87900E-07 | 419976.2 | 3741316.2 | 49.0 | 3.49 | 6.51 | 3.25 | |
| YES | | | | | | | | | |
| L0000617 | 0 | 0.87900E-07 | 419962.2 | 3741316.3 | 49.0 | 3.49 | 6.51 | 3.25 | |
| YES | | | | | | | | | |
| L0000618 | 0 | 0.87900E-07 | 419948.2 | 3741316.5 | 49.0 | 3.49 | 6.51 | 3.25 | |
| YES | | | | | | | | | |
| L0000619 | 0 | 0.87900E-07 | 419934.2 | 3741316.7 | 48.9 | 3.49 | 6.51 | 3.25 | |
| YES | | | | | | | | | |
| L0000620 | 0 | 0.87900E-07 | 419920.2 | 3741316.9 | 48.8 | 3.49 | 6.51 | 3.25 | |
| YES | | | | | | | | | |
| L0000621 | 0 | 0.87900E-07 | 419906.2 | 3741317.1 | 48.6 | 3.49 | 6.51 | 3.25 | |
| YES | | | | | | | | | |
| L0000622 | 0 | 0.87900E-07 | 419892.2 | 3741317.2 | 48.4 | 3.49 | 6.51 | 3.25 | |

| | | | | | | | | |
|----------|---|-------------|----------|-----------|------|------|------|------|
| YES | | | | | | | | |
| L0000623 | 0 | 0.87900E-07 | 419878.2 | 3741317.4 | 48.2 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000624 | 0 | 0.87900E-07 | 419864.2 | 3741317.6 | 48.0 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000625 | 0 | 0.87900E-07 | 419850.2 | 3741317.8 | 48.0 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000626 | 0 | 0.87900E-07 | 419836.2 | 3741317.9 | 48.0 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000627 | 0 | 0.87900E-07 | 419822.2 | 3741318.1 | 48.0 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000628 | 0 | 0.87900E-07 | 419808.2 | 3741318.3 | 48.0 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000629 | 0 | 0.87900E-07 | 419794.4 | 3741316.6 | 48.0 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000630 | 0 | 0.87900E-07 | 419780.5 | 3741314.2 | 48.0 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000631 | 0 | 0.87900E-07 | 419766.7 | 3741311.9 | 48.0 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000632 | 0 | 0.87900E-07 | 419752.9 | 3741309.6 | 48.0 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000633 | 0 | 0.87900E-07 | 419739.1 | 3741307.3 | 48.0 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000634 | 0 | 0.87900E-07 | 419725.3 | 3741305.0 | 48.0 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000635 | 0 | 0.87900E-07 | 419711.9 | 3741301.2 | 48.0 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000636 | 0 | 0.87900E-07 | 419698.8 | 3741296.2 | 47.9 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000637 | 0 | 0.87900E-07 | 419685.8 | 3741291.2 | 47.9 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000638 | 0 | 0.87900E-07 | 419672.7 | 3741286.2 | 47.8 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000639 | 0 | 0.87900E-07 | 419659.6 | 3741281.2 | 47.6 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

| SOURCE | NUMBER | EMISSION | RATE | | BASE | RELEASE | INIT. | INIT. |
|----------|-------------|-------------|----------|-----------|----------|----------|----------|----------|
| SOURCE | URBAN | EMISSION | RATE | | ELEV. | HEIGHT | SY | SZ |
| ID | PART. | (GRAMS/SEC) | | X | (METERS) | (METERS) | (METERS) | (METERS) |
| (METERS) | SCALAR VARY | | BY | (METERS) | (METERS) | (METERS) | (METERS) | (METERS) |
| | CATS. | | | | | | | |
| L0000640 | 0 | 0.87900E-07 | 419646.8 | 3741275.7 | 47.5 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000641 | 0 | 0.87900E-07 | 419636.1 | 3741266.7 | 47.3 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000642 | 0 | 0.87900E-07 | 419625.4 | 3741257.6 | 47.1 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000643 | 0 | 0.87900E-07 | 419614.8 | 3741248.6 | 47.0 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000644 | 0 | 0.87900E-07 | 419604.4 | 3741239.2 | 47.0 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000645 | 0 | 0.87900E-07 | 419594.8 | 3741229.0 | 47.0 | 3.49 | 6.51 | 3.25 |

| | | | | | | | | |
|----------|---|-------------|----------|-----------|------|------|------|------|
| YES | | | | | | | | |
| L0000646 | 0 | 0.87900E-07 | 419585.1 | 3741218.9 | 47.0 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000647 | 0 | 0.87900E-07 | 419575.5 | 3741208.7 | 47.0 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000648 | 0 | 0.87900E-07 | 419566.0 | 3741198.4 | 47.0 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000649 | 0 | 0.87900E-07 | 419557.6 | 3741187.2 | 47.0 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000650 | 0 | 0.87900E-07 | 419549.4 | 3741175.9 | 47.0 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000651 | 0 | 0.87900E-07 | 419541.4 | 3741164.4 | 46.9 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000652 | 0 | 0.87900E-07 | 419533.4 | 3741152.9 | 46.8 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000653 | 0 | 0.87900E-07 | 419525.4 | 3741141.5 | 46.6 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000654 | 0 | 0.87900E-07 | 419516.9 | 3741130.3 | 46.4 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000655 | 0 | 0.87900E-07 | 419508.4 | 3741119.2 | 46.3 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000656 | 0 | 0.87900E-07 | 419499.9 | 3741108.0 | 46.2 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000657 | 0 | 0.87900E-07 | 419491.4 | 3741096.9 | 46.1 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000658 | 0 | 0.87900E-07 | 419482.4 | 3741086.2 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000659 | 0 | 0.87900E-07 | 419472.2 | 3741076.7 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000660 | 0 | 0.87900E-07 | 419462.0 | 3741067.1 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000661 | 0 | 0.87900E-07 | 419451.3 | 3741058.1 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000662 | 0 | 0.87900E-07 | 419440.6 | 3741049.0 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000663 | 0 | 0.87900E-07 | 419429.9 | 3741040.0 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000664 | 0 | 0.87900E-07 | 419418.6 | 3741032.0 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000665 | 0 | 0.87900E-07 | 419405.8 | 3741026.2 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000666 | 0 | 0.87900E-07 | 419393.0 | 3741020.5 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000667 | 0 | 0.87900E-07 | 419380.3 | 3741014.7 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000668 | 0 | 0.87900E-07 | 419367.0 | 3741010.4 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000669 | 0 | 0.87900E-07 | 419353.5 | 3741006.8 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000670 | 0 | 0.87900E-07 | 419339.9 | 3741003.2 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000671 | 0 | 0.87900E-07 | 419326.2 | 3741000.7 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000672 | 0 | 0.87900E-07 | 419312.3 | 3740998.7 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000673 | 0 | 0.87900E-07 | 419298.5 | 3740996.8 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000674 | 0 | 0.87900E-07 | 419284.6 | 3740994.8 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000675 | 0 | 0.87900E-07 | 419270.7 | 3740992.9 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000676 | 0 | 0.87900E-07 | 419256.8 | 3740992.5 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000677 | 0 | 0.87900E-07 | 419242.8 | 3740992.9 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000678 | 0 | 0.87900E-07 | 419228.8 | 3740993.3 | 46.0 | 3.49 | 6.51 | 3.25 |

YES
L0000679 0 0.87900E-07 419214.8 3740993.7 46.0 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 | SCALAR | VARY | (GRAMS/SEC) | X | Y | (METERS) | (METERS) | (METERS) | (METERS) |
| (METERS) | CATS. | BY | | (METERS) | (METERS) | | | | |
| L0000680 | 0 | 0.87900E-07 | 419200.8 | 3740994.1 | 46.0 | 3.49 | 6.51 | 3.25 | |
| YES | | | | | | | | | |
| L0000681 | 0 | 0.87900E-07 | 419186.8 | 3740994.5 | 46.0 | 3.49 | 6.51 | 3.25 | |
| YES | | | | | | | | | |
| L0000682 | 0 | 0.87900E-07 | 419172.8 | 3740994.9 | 46.0 | 3.49 | 6.51 | 3.25 | |
| YES | | | | | | | | | |
| L0000683 | 0 | 0.87900E-07 | 419158.8 | 3740995.2 | 46.0 | 3.49 | 6.51 | 3.25 | |
| YES | | | | | | | | | |
| L0000684 | 0 | 0.87900E-07 | 419144.8 | 3740995.5 | 46.0 | 3.49 | 6.51 | 3.25 | |
| YES | | | | | | | | | |
| L0000685 | 0 | 0.87900E-07 | 419130.8 | 3740995.8 | 46.0 | 3.49 | 6.51 | 3.25 | |
| YES | | | | | | | | | |
| L0000686 | 0 | 0.87900E-07 | 419116.8 | 3740996.1 | 46.0 | 3.49 | 6.51 | 3.25 | |
| YES | | | | | | | | | |
| L0000687 | 0 | 0.87900E-07 | 419102.8 | 3740996.4 | 46.0 | 3.49 | 6.51 | 3.25 | |
| YES | | | | | | | | | |
| L0000688 | 0 | 0.87900E-07 | 419088.8 | 3740996.7 | 46.0 | 3.49 | 6.51 | 3.25 | |
| YES | | | | | | | | | |
| L0000689 | 0 | 0.87900E-07 | 419074.8 | 3740997.0 | 46.0 | 3.49 | 6.51 | 3.25 | |
| YES | | | | | | | | | |
| L0000690 | 0 | 0.87900E-07 | 419060.9 | 3740997.3 | 46.0 | 3.49 | 6.51 | 3.25 | |
| YES | | | | | | | | | |
| L0000691 | 0 | 0.87900E-07 | 419046.9 | 3740997.6 | 46.0 | 3.49 | 6.51 | 3.25 | |
| YES | | | | | | | | | |
| L0000692 | 0 | 0.87900E-07 | 419032.9 | 3740997.9 | 46.0 | 3.49 | 6.51 | 3.25 | |
| YES | | | | | | | | | |
| L0000693 | 0 | 0.87900E-07 | 419018.9 | 3740998.2 | 46.0 | 3.49 | 6.51 | 3.25 | |
| YES | | | | | | | | | |
| L0000694 | 0 | 0.87900E-07 | 419004.9 | 3740998.5 | 46.0 | 3.49 | 6.51 | 3.25 | |
| YES | | | | | | | | | |
| L0000695 | 0 | 0.87900E-07 | 418990.9 | 3740998.8 | 46.0 | 3.49 | 6.51 | 3.25 | |
| YES | | | | | | | | | |
| L0000696 | 0 | 0.87900E-07 | 418976.9 | 3740999.1 | 46.0 | 3.49 | 6.51 | 3.25 | |
| YES | | | | | | | | | |
| L0000697 | 0 | 0.87900E-07 | 418962.9 | 3740999.4 | 46.0 | 3.49 | 6.51 | 3.25 | |
| YES | | | | | | | | | |
| L0000698 | 0 | 0.87900E-07 | 418948.9 | 3740999.7 | 46.0 | 3.49 | 6.51 | 3.25 | |
| YES | | | | | | | | | |
| L0000699 | 0 | 0.87900E-07 | 418934.9 | 3741000.0 | 46.0 | 3.49 | 6.51 | 3.25 | |
| YES | | | | | | | | | |
| L0000700 | 0 | 0.87900E-07 | 418920.9 | 3741000.3 | 46.0 | 3.49 | 6.51 | 3.25 | |
| YES | | | | | | | | | |
| L0000701 | 0 | 0.87900E-07 | 418906.9 | 3741000.7 | 46.0 | 3.49 | 6.51 | 3.25 | |

| | | | | | | | | | |
|-----|----------|---|-------------|----------|-----------|------|------|------|------|
| YES | L0000702 | 0 | 0.87900E-07 | 418892.9 | 3741001.0 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES | L0000703 | 0 | 0.87900E-07 | 418878.9 | 3741001.3 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES | L0000704 | 0 | 0.87900E-07 | 418864.9 | 3741001.6 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES | L0000705 | 0 | 0.87900E-07 | 418850.9 | 3741001.9 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES | L0000706 | 0 | 0.87900E-07 | 418836.9 | 3741002.2 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES | L0000707 | 0 | 0.87900E-07 | 418822.9 | 3741002.5 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES | L0000708 | 0 | 0.87900E-07 | 418808.9 | 3741002.8 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES | L0000709 | 0 | 0.87900E-07 | 418794.9 | 3741003.0 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES | L0000710 | 0 | 0.87900E-07 | 418780.9 | 3741003.1 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES | L0000711 | 0 | 0.87900E-07 | 418766.9 | 3741003.1 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES | L0000712 | 0 | 0.87900E-07 | 418752.9 | 3741003.2 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES | L0000713 | 0 | 0.87900E-07 | 418738.9 | 3741003.3 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES | L0000714 | 0 | 0.87900E-07 | 418724.9 | 3741003.3 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES | L0000715 | 0 | 0.87900E-07 | 418710.9 | 3741003.4 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES | L0000716 | 0 | 0.87900E-07 | 418696.9 | 3741003.5 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES | L0000717 | 0 | 0.87900E-07 | 418682.9 | 3741003.5 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES | L0000718 | 0 | 0.87900E-07 | 418668.9 | 3741003.6 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES | L0000719 | 0 | 0.87900E-07 | 418654.9 | 3741003.7 | 46.0 | 3.49 | 6.51 | 3.25 |

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

| SOURCE | NUMBER | EMISSION | RATE | | BASE | RELEASE | INIT. | INIT. |
|----------|--------|-------------|----------|-----------|----------|----------|----------|----------|
| SOURCE | PART. | (GRAMS/SEC) | X | Y | ELEV. | HEIGHT | SY | SZ |
| ID | SCALAR | VARY | | | (METERS) | (METERS) | (METERS) | (METERS) |
| (METERS) | CATS. | BY | (METERS) | (METERS) | (METERS) | (METERS) | (METERS) | (METERS) |
| L0000720 | 0 | 0.87900E-07 | 418640.9 | 3741003.8 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000721 | 0 | 0.87900E-07 | 418626.9 | 3741003.8 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000722 | 0 | 0.87900E-07 | 418612.9 | 3741003.9 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000723 | 0 | 0.87900E-07 | 418598.9 | 3741004.0 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000724 | 0 | 0.87900E-07 | 418584.9 | 3741004.0 | 46.0 | 3.49 | 6.51 | 3.25 |

| | | | | | | | | |
|----------|---|-------------|----------|-----------|------|------|------|------|
| YES | | | | | | | | |
| L0000725 | 0 | 0.87900E-07 | 418570.9 | 3741004.1 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000726 | 0 | 0.87900E-07 | 418556.9 | 3741004.2 | 46.0 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000727 | 0 | 0.87900E-07 | 418542.9 | 3741004.2 | 45.9 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000728 | 0 | 0.87900E-07 | 418528.9 | 3741004.3 | 45.8 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000729 | 0 | 0.87900E-07 | 418514.9 | 3741004.4 | 45.7 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000730 | 0 | 0.87900E-07 | 418500.9 | 3741004.5 | 45.6 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000731 | 0 | 0.87900E-07 | 418486.9 | 3741004.5 | 45.4 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000732 | 0 | 0.87900E-07 | 418472.9 | 3741004.6 | 45.3 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000733 | 0 | 0.87900E-07 | 418458.9 | 3741004.7 | 45.3 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000734 | 0 | 0.87900E-07 | 418444.9 | 3741004.7 | 45.2 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000735 | 0 | 0.87900E-07 | 418430.9 | 3741004.8 | 45.1 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000736 | 0 | 0.87900E-07 | 418416.9 | 3741004.9 | 45.1 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000737 | 0 | 0.87900E-07 | 418402.9 | 3741004.9 | 45.0 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000738 | 0 | 0.87900E-07 | 418388.9 | 3741005.0 | 45.0 | 3.49 | 6.51 | 3.25 |
| YES | | | | | | | | |
| L0000739 | 0 | 0.20220E-06 | 420489.9 | 3740966.3 | 51.2 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | |
| L0000740 | 0 | 0.20220E-06 | 420489.9 | 3740957.7 | 51.2 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | |
| L0000741 | 0 | 0.20220E-06 | 420489.8 | 3740949.1 | 51.2 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | |
| L0000742 | 0 | 0.20220E-06 | 420489.7 | 3740940.5 | 51.2 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | |
| L0000743 | 0 | 0.20220E-06 | 420489.6 | 3740931.9 | 51.2 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | |
| L0000744 | 0 | 0.20220E-06 | 420489.6 | 3740923.3 | 51.2 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | |
| L0000745 | 0 | 0.20220E-06 | 420489.5 | 3740914.8 | 51.2 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | |
| L0000746 | 0 | 0.20220E-06 | 420489.4 | 3740906.2 | 51.2 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | |
| L0000747 | 0 | 0.20220E-06 | 420489.3 | 3740897.6 | 51.2 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | |
| L0000748 | 0 | 0.20220E-06 | 420489.3 | 3740889.0 | 51.2 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | |
| L0000749 | 0 | 0.20220E-06 | 420489.2 | 3740880.4 | 51.2 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | |
| L0000750 | 0 | 0.20220E-06 | 420489.1 | 3740871.8 | 51.2 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | |
| L0000751 | 0 | 0.20220E-06 | 420489.0 | 3740863.2 | 51.2 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | |
| L0000752 | 0 | 0.20220E-06 | 420489.0 | 3740854.6 | 51.2 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | |
| L0000753 | 0 | 0.20220E-06 | 420488.9 | 3740846.0 | 51.2 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | |
| L0000754 | 0 | 0.20220E-06 | 420488.8 | 3740837.4 | 51.2 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | |
| L0000755 | 0 | 0.20220E-06 | 420488.7 | 3740828.9 | 51.2 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | |
| L0000756 | 0 | 0.20220E-06 | 420488.7 | 3740820.3 | 51.2 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | |
| L0000757 | 0 | 0.20220E-06 | 420488.6 | 3740811.7 | 51.2 | 3.49 | 4.00 | 3.25 |

```

YES
L0000758      0  0.20220E-06  420488.5 3740803.1   51.2   3.49   4.00   3.25
YES
L0000759      0  0.20220E-06  420488.4 3740794.5   51.2   3.49   4.00   3.25
YES
*** AERMOD - VERSION 22112 ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\13101 534
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

| SOURCE | NUMBER | EMISSION | RATE | | | BASE | RELEASE | INIT. | INIT. |
|----------|--------|-------------|----------|-----------|----------|----------|----------|----------|----------|
| SOURCE | URBAN | EMISSION | RATE | | | ELEV. | HEIGHT | SY | SZ |
| ID | PART. | (GRAMS/SEC) | | X | Y | (METERS) | (METERS) | (METERS) | (METERS) |
| (METERS) | CATS. | BY | | (METERS) | (METERS) | (METERS) | (METERS) | (METERS) | (METERS) |
| L0000760 | 0 | 0.20220E-06 | 420488.4 | 3740785.9 | 51.2 | 3.49 | 4.00 | 3.25 | 3.25 |
| YES | | | | | | | | | |
| L0000761 | 0 | 0.20220E-06 | 420488.3 | 3740777.3 | 51.2 | 3.49 | 4.00 | 3.25 | 3.25 |
| YES | | | | | | | | | |
| L0000762 | 0 | 0.20220E-06 | 420488.2 | 3740768.7 | 51.2 | 3.49 | 4.00 | 3.25 | 3.25 |
| YES | | | | | | | | | |
| L0000763 | 0 | 0.20220E-06 | 420490.9 | 3740761.0 | 51.2 | 3.49 | 4.00 | 3.25 | 3.25 |
| YES | | | | | | | | | |
| L0000764 | 0 | 0.20220E-06 | 420497.6 | 3740757.2 | 51.2 | 3.49 | 4.00 | 3.25 | 3.25 |
| YES | | | | | | | | | |
| L0000765 | 0 | 0.20220E-06 | 420506.2 | 3740757.1 | 51.3 | 3.49 | 4.00 | 3.25 | 3.25 |
| YES | | | | | | | | | |
| L0000766 | 0 | 0.20220E-06 | 420514.7 | 3740757.0 | 51.4 | 3.49 | 4.00 | 3.25 | 3.25 |
| YES | | | | | | | | | |
| L0000767 | 0 | 0.20220E-06 | 420523.3 | 3740756.9 | 51.5 | 3.49 | 4.00 | 3.25 | 3.25 |
| YES | | | | | | | | | |
| L0000768 | 0 | 0.20220E-06 | 420531.9 | 3740756.8 | 51.6 | 3.49 | 4.00 | 3.25 | 3.25 |
| YES | | | | | | | | | |
| L0000769 | 0 | 0.20220E-06 | 420540.5 | 3740756.8 | 51.7 | 3.49 | 4.00 | 3.25 | 3.25 |
| YES | | | | | | | | | |
| L0000770 | 0 | 0.20220E-06 | 420549.1 | 3740756.7 | 51.8 | 3.49 | 4.00 | 3.25 | 3.25 |
| YES | | | | | | | | | |
| L0000771 | 0 | 0.20220E-06 | 420557.7 | 3740756.6 | 51.8 | 3.49 | 4.00 | 3.25 | 3.25 |
| YES | | | | | | | | | |
| L0000772 | 0 | 0.20220E-06 | 420566.3 | 3740756.5 | 51.8 | 3.49 | 4.00 | 3.25 | 3.25 |
| YES | | | | | | | | | |
| L0000773 | 0 | 0.20220E-06 | 420574.9 | 3740756.4 | 51.9 | 3.49 | 4.00 | 3.25 | 3.25 |
| YES | | | | | | | | | |
| L0000774 | 0 | 0.20220E-06 | 420581.7 | 3740760.0 | 51.9 | 3.49 | 4.00 | 3.25 | 3.25 |
| YES | | | | | | | | | |
| L0000775 | 0 | 0.20220E-06 | 420584.0 | 3740767.8 | 52.0 | 3.49 | 4.00 | 3.25 | 3.25 |
| YES | | | | | | | | | |
| L0000776 | 0 | 0.20220E-06 | 420584.2 | 3740776.4 | 52.0 | 3.49 | 4.00 | 3.25 | 3.25 |
| YES | | | | | | | | | |
| L0000777 | 0 | 0.20220E-06 | 420584.3 | 3740784.9 | 52.0 | 3.49 | 4.00 | 3.25 | 3.25 |
| YES | | | | | | | | | |
| L0000778 | 0 | 0.20220E-06 | 420584.4 | 3740793.5 | 52.1 | 3.49 | 4.00 | 3.25 | 3.25 |
| YES | | | | | | | | | |
| L0000779 | 0 | 0.20220E-06 | 420584.6 | 3740802.1 | 52.1 | 3.49 | 4.00 | 3.25 | 3.25 |
| YES | | | | | | | | | |
| L0000780 | 0 | 0.20220E-06 | 420584.7 | 3740810.7 | 52.2 | 3.49 | 4.00 | 3.25 | 3.25 |

| | | | | | | | | |
|----------|---|-------------|----------|-----------|------|------|------|------|
| YES | | | | | | | | |
| L0000781 | 0 | 0.20220E-06 | 420584.8 | 3740819.3 | 52.2 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | |
| L0000782 | 0 | 0.20220E-06 | 420585.0 | 3740827.9 | 52.2 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | |
| L0000783 | 0 | 0.20220E-06 | 420585.1 | 3740836.5 | 52.3 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | |
| L0000784 | 0 | 0.20220E-06 | 420585.2 | 3740845.1 | 52.3 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | |
| L0000785 | 0 | 0.20220E-06 | 420585.4 | 3740853.7 | 52.4 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | |
| L0000786 | 0 | 0.20220E-06 | 420585.5 | 3740862.2 | 52.4 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | |
| L0000787 | 0 | 0.20220E-06 | 420585.6 | 3740870.8 | 52.4 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | |
| L0000788 | 0 | 0.20220E-06 | 420585.7 | 3740879.4 | 52.4 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | |
| L0000789 | 0 | 0.20220E-06 | 420585.9 | 3740888.0 | 52.4 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | |
| L0000790 | 0 | 0.20220E-06 | 420586.0 | 3740896.6 | 52.4 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | |
| L0000791 | 0 | 0.20220E-06 | 420586.1 | 3740905.2 | 52.4 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | |
| L0000792 | 0 | 0.20220E-06 | 420586.3 | 3740913.8 | 52.4 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | |
| L0000793 | 0 | 0.20220E-06 | 420586.4 | 3740922.4 | 52.4 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | |
| L0000794 | 0 | 0.20220E-06 | 420586.5 | 3740931.0 | 52.4 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | |
| L0000795 | 0 | 0.20220E-06 | 420586.7 | 3740939.5 | 52.4 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | |
| L0000796 | 0 | 0.20220E-06 | 420586.8 | 3740948.1 | 52.4 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | |
| L0000797 | 0 | 0.20220E-06 | 420586.9 | 3740956.7 | 52.4 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | |
| L0000798 | 0 | 0.20220E-06 | 420587.1 | 3740965.3 | 52.4 | 3.49 | 4.00 | 3.25 |
| YES | | | | | | | | |

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

| SRCGROUP ID | SOURCE IDs |
|-----------------|--|
| ----- | ----- |
| ALL L0000406 | L0000400 , L0000401 , L0000402 , L0000403 , L0000404 , L0000405 , L0000407 , |
| | L0000408 , L0000409 , L0000410 , L0000411 , L0000412 , L0000413 , L0000414 , L0000415 , |
| | L0000416 , L0000417 , L0000418 , L0000419 , L0000420 , L0000421 , L0000422 , L0000423 , |
| | L0000424 , L0000425 , L0000426 , L0000427 , L0000428 , L0000429 , L0000430 , L0000431 , |
| | L0000432 , L0000433 , L0000434 , L0000435 , L0000436 , L0000437 , L0000438 , L0000439 , |

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L0000440 , L0000441 , L0000442 , L0000443 , L0000444 , L0000445 ,
L0000446 , L0000447 ,

L0000448 , L0000449 , L0000450 , L0000451 , L0000452 , L0000453 ,
L0000454 , L0000455 ,

L0000456 , L0000457 , L0000458 , L0000459 , L0000460 , L0000461 ,
L0000462 , L0000463 ,

L0000464 , L0000465 , L0000466 , L0000467 , L0000468 , L0000469 ,
L0000470 , L0000471 ,

L0000472 , L0000473 , L0000474 , L0000475 , L0000476 , L0000477 ,
L0000478 , L0000479 ,

L0000480 , L0000481 , L0000482 , L0000483 , L0000484 , L0000485 ,
L0000486 , L0000487 ,

L0000488 , L0000489 , L0000490 , L0000491 , L0000492 , L0000493 ,
L0000494 , L0000495 ,

L0000496 , L0000497 , L0000498 , L0000499 , L0000500 , L0000501 ,
L0000502 , L0000503 ,

L0000504 , L0000505 , L0000506 , L0000507 , L0000508 , L0000509 ,
L0000510 , L0000511 ,

L0000512 , L0000513 , L0000514 , L0000515 , L0000516 , L0000517 ,
L0000518 , L0000519 ,

L0000520 , L0000521 , L0000522 , L0000523 , L0000524 , L0000525 ,
L0000526 , L0000527 ,

L0000528 , L0000529 , L0000530 , L0000531 , L0000532 , L0000533 ,
L0000534 , L0000535 ,

L0000536 , L0000537 , L0000538 , L0000539 , L0000540 , L0000541 ,
L0000542 , L0000543 ,

L0000544 , L0000545 , L0000546 , L0000547 , L0000548 , L0000549 ,
L0000550 , L0000551 ,

L0000552 , L0000553 , L0000554 , L0000555 , L0000556 , L0000557 ,
L0000558 , L0000559 ,

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

```

L0000560 , L0000561 , L0000562 , L0000563 , L0000564 , L0000565 ,
L0000566 , L0000567 ,

L0000568 , L0000569 , L0000570 , L0000571 , L0000572 , L0000573 ,
L0000574 , L0000575 ,

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L0000576 , L0000577 , L0000578 , L0000579 , L0000580 , L0000581 ,
L0000582 , L0000583 ,

L0000584 , L0000585 , L0000586 , L0000587 , L0000588 , L0000589 ,
L0000590 , L0000591 ,

L0000592 , L0000593 , L0000594 , L0000595 , L0000596 , L0000597 ,
L0000598 , L0000599 ,

L0000600 , L0000601 , L0000602 , L0000603 , L0000604 , L0000605 ,
L0000606 , L0000607 ,

L0000608 , L0000609 , L0000610 , L0000611 , L0000612 , L0000613 ,
L0000614 , L0000615 ,

L0000616 , L0000617 , L0000618 , L0000619 , L0000620 , L0000621 ,
L0000622 , L0000623 ,

L0000624 , L0000625 , L0000626 , L0000627 , L0000628 , L0000629 ,
L0000630 , L0000631 ,

L0000632 , L0000633 , L0000634 , L0000635 , L0000636 , L0000637 ,
L0000638 , L0000639 ,

L0000640 , L0000641 , L0000642 , 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 ,

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

```

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 ,

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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 | | | | | |
|----------|----------------------|------------|----------|----------|----------|----------|--|
| ----- | ----- | ----- | | | | | |
| L0000407 | 3010232. L0000405 | L0000400 | L0000401 | L0000402 | L0000403 | L0000404 | |
| | | L0000406 | | | | | |
| | L0000408 | L0000409 | L0000410 | L0000411 | L0000412 | L0000413 | |
| | L0000414 | L0000415 | | | | | |
| | L0000416 | L0000417 | L0000418 | L0000419 | L0000420 | L0000421 | |
| | L0000422 | L0000423 | | | | | |
| | L0000424 | L0000425 | L0000426 | L0000427 | L0000428 | L0000429 | |
| | L0000430 | L0000431 | | | | | |
| | L0000432 | L0000433 | L0000434 | L0000435 | L0000436 | L0000437 | |
| | L0000438 | L0000439 | | | | | |
| | L0000440 | L0000441 | L0000442 | L0000443 | L0000444 | L0000445 | |
| | L0000446 | L0000447 | | | | | |
| | L0000448 | L0000449 | L0000450 | L0000451 | L0000452 | L0000453 | |

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L0000454 , L0000455 ,
L0000456 , L0000457 , L0000458 , L0000459 , L0000460 , L0000461 ,
L0000462 , L0000463 ,
L0000464 , L0000465 , L0000466 , L0000467 , L0000468 , L0000469 ,
L0000470 , L0000471 ,
L0000472 , L0000473 , L0000474 , L0000475 , L0000476 , L0000477 ,
L0000478 , L0000479 ,
L0000480 , L0000481 , L0000482 , L0000483 , L0000484 , L0000485 ,
L0000486 , L0000487 ,
L0000488 , L0000489 , L0000490 , L0000491 , L0000492 , L0000493 ,
L0000494 , L0000495 ,
L0000496 , L0000497 , L0000498 , L0000499 , L0000500 , L0000501 ,
L0000502 , L0000503 ,
L0000504 , L0000505 , L0000506 , L0000507 , L0000508 , L0000509 ,
L0000510 , L0000511 ,
L0000512 , L0000513 , L0000514 , L0000515 , L0000516 , L0000517 ,
L0000518 , L0000519 ,
L0000520 , L0000521 , L0000522 , L0000523 , L0000524 , L0000525 ,
L0000526 , L0000527 ,
L0000528 , L0000529 , L0000530 , L0000531 , L0000532 , L0000533 ,
L0000534 , L0000535 ,
L0000536 , L0000537 , L0000538 , L0000539 , L0000540 , L0000541 ,
L0000542 , L0000543 ,
L0000544 , L0000545 , L0000546 , L0000547 , L0000548 , L0000549 ,
L0000550 , L0000551 ,
L0000552 , L0000553 , L0000554 , L0000555 , L0000556 , L0000557 ,
L0000558 , L0000559 ,

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*** MODELOPTs: RegDEFAULT CONC ELEV URBAN ADJ_U*

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

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| URBAN ID | URBAN POP | SOURCE IDs | | | | | |
|----------|-----------|------------|----------|----------|----------|----------|-------|
| ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| L0000560 | L0000566 | L0000561 | L0000562 | L0000563 | L0000564 | L0000565 | |
| L0000568 | L0000574 | L0000569 | L0000570 | L0000571 | L0000572 | L0000573 | |
| L0000576 | L0000582 | L0000577 | L0000578 | L0000579 | L0000580 | L0000581 | |
| L0000584 | L0000590 | L0000585 | L0000586 | L0000587 | L0000588 | L0000589 | |


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L0000592 , L0000593 , L0000594 , L0000595 , L0000596 , L0000597 ,
L0000598 , L0000599 ,

L0000600 , L0000601 , L0000602 , L0000603 , L0000604 , L0000605 ,
L0000606 , L0000607 ,

L0000608 , L0000609 , L0000610 , L0000611 , L0000612 , L0000613 ,
L0000614 , L0000615 ,

L0000616 , L0000617 , L0000618 , L0000619 , L0000620 , L0000621 ,
L0000622 , L0000623 ,

L0000624 , L0000625 , L0000626 , L0000627 , L0000628 , L0000629 ,
L0000630 , L0000631 ,

L0000632 , L0000633 , L0000634 , L0000635 , L0000636 , L0000637 ,
L0000638 , L0000639 ,

L0000640 , L0000641 , L0000642 , 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 ,

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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 |
|----------|-----------|---|
| ----- | ----- | ----- |
| 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 ,

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

(420489.4, 3740719.1, 51.1, 51.1, 0.0); (420518.5,
 3740719.3, 51.2, 51.2, 0.0);
 (420581.7, 3740693.4, 51.5, 51.5, 0.0); (420652.1,
 3740913.6, 53.0, 53.0, 0.0);
 (420651.0, 3740871.0, 53.0, 53.0, 0.0); (420462.1,
 3740751.7, 51.0, 51.0, 0.0);
 (420464.1, 3740795.2, 51.0, 51.0, 0.0); (420462.8,
 3740816.6, 51.0, 51.0, 0.0);
 (420460.3, 3740849.3, 51.0, 51.0, 0.0); (420464.1,
 3740871.0, 51.0, 51.0, 0.0);
 (420464.1, 3740900.1, 51.0, 51.0, 0.0); (420463.7,
 3740956.6, 51.0, 51.0, 0.0);
 (420464.1, 3740925.7, 51.0, 51.0, 0.0); (420666.3,
 3740940.0, 53.0, 53.0, 0.0);
 (420666.1, 3740979.5, 53.0, 53.0, 0.0); (420520.3,
 3741000.0, 51.6, 51.6, 0.0);
 (420469.6, 3740999.1, 51.0, 51.0, 0.0); (420622.1,
 3740985.5, 52.9, 52.9, 0.0);
 (420680.1, 3740982.7, 53.0, 53.0, 0.0); (420675.9,
 3740988.0, 53.0, 53.0, 0.0);
 (420680.8, 3741013.3, 53.0, 53.0, 0.0); (420691.2,
 3741071.8, 53.2, 53.2, 0.0);
 (420851.0, 3740971.4, 54.8, 54.8, 0.0); (420850.2,
 3740837.2, 54.9, 54.9, 0.0);
 (420850.2, 3740862.9, 54.8, 54.8, 0.0); (420847.9,
 3740763.0, 54.8, 54.8, 0.0);
 (420332.2, 3740970.2, 51.0, 51.0, 0.0); (420279.1,
 3740970.0, 50.4, 50.4, 0.0);


```

12 01 01 1 20 -3.5 0.073 -9.000 -9.000 -999. 47. 10.0 0.12 2.65 1.00 0.77
259. 5.8 287.0 2.0
12 01 01 1 21 -2.6 0.064 -9.000 -9.000 -999. 39. 9.1 0.12 2.65 1.00 0.65
264. 5.8 286.4 2.0
12 01 01 1 22 -4.4 0.081 -9.000 -9.000 -999. 55. 10.9 0.12 2.65 1.00 0.86
211. 5.8 285.9 2.0
12 01 01 1 23 -4.2 0.079 -9.000 -9.000 -999. 53. 10.7 0.12 2.65 1.00 0.84
247. 5.8 284.9 2.0
12 01 01 1 24 -7.1 0.103 -9.000 -9.000 -999. 80. 14.1 0.12 2.65 1.00 1.09
236. 5.8 283.8 2.0

```

First hour of profile data

```

YR MO DY HR HEIGHT F WDIR WSPD AMB_TMP sigmaA sigmaW sigmaV
12 01 01 01 5.8 1 62. 0.87 283.8 99.0 -99.00 -99.00

```

F indicates top of profile (=1) or below (=0)

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

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

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INCLUDING SOURCE(S): L0000400 , L0000401 ,
L0000402 , L0000403 , L0000404 ,
L0000405 , L0000406 , L0000407 , L0000408 , L0000409 ,
L0000410 , L0000411 , L0000412 ,
L0000413 , L0000414 , L0000415 , L0000416 , L0000417 ,
L0000418 , L0000419 , L0000420 ,
L0000421 , L0000422 , L0000423 , L0000424 , L0000425 ,
L0000426 , L0000427 , . . . ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

| X-COORD (M) | Y-COORD (M) | CONC | X-COORD (M) | Y-COORD |
|-------------|-------------|---------|-------------|---------|
| 420489.44 | 3740719.07 | 0.00131 | 420518.47 | |
| 3740719.33 | 0.00150 | | | |
| 420581.74 | 3740693.44 | 0.00084 | 420652.08 | |
| 3740913.60 | 0.00175 | | | |
| 420651.04 | 3740870.98 | 0.00176 | 420462.12 | |
| 3740751.68 | 0.00162 | | | |
| 420464.12 | 3740795.25 | 0.00250 | 420462.79 | |
| 3740816.58 | 0.00261 | | | |
| 420460.34 | 3740849.26 | 0.00258 | 420464.12 | |
| 3740871.04 | 0.00278 | | | |
| 420464.12 | 3740900.15 | 0.00266 | 420463.67 | |
| 3740956.60 | 0.00216 | | | |
| 420464.12 | 3740925.71 | 0.00244 | 420666.31 | |
| 3740939.99 | 0.00141 | | | |
| 420666.09 | 3740979.55 | 0.00124 | 420520.28 | |
| 3741000.00 | 0.00208 | | | |
| 420469.60 | 3740999.11 | 0.00174 | 420622.08 | |
| 3740985.55 | 0.00188 | | | |
| 420680.09 | 3740982.66 | 0.00108 | 420675.87 | |
| 3740988.00 | 0.00110 | | | |
| 420680.76 | 3741013.34 | 0.00094 | 420691.20 | |

| | | | |
|------------|------------|---------|-----------|
| 3741071.79 | 0.00066 | | |
| 420851.02 | 3740971.38 | 0.00033 | 420850.23 |
| 3740837.23 | 0.00028 | | |
| 420850.23 | 3740862.86 | 0.00029 | 420847.88 |
| 3740762.97 | 0.00023 | | |
| 420332.21 | 3740970.21 | 0.00116 | 420279.08 |
| 3740969.99 | 0.00098 | | |
| 420256.63 | 3740920.20 | 0.00050 | 420201.29 |
| 3740949.99 | 0.00040 | | |
| 420255.52 | 3740874.86 | 0.00043 | 420268.19 |
| 3741003.78 | 0.00098 | | |
| 420357.77 | 3741015.33 | 0.00096 | 420220.40 |
| 3740996.22 | 0.00068 | | |
| 420220.40 | 3741055.34 | 0.00074 | 420257.74 |
| 3741063.57 | 0.00098 | | |
| 420269.97 | 3741108.02 | 0.00078 | 420258.63 |
| 3741157.37 | 0.00092 | | |
| 420219.96 | 3741156.92 | 0.00069 | 420259.52 |
| 3741290.06 | 0.00067 | | |
| 420260.63 | 3741208.93 | 0.00086 | 420194.40 |
| 3741276.28 | 0.00055 | | |
| 420211.96 | 3741208.93 | 0.00057 | 420212.62 |
| 3741340.08 | 0.00057 | | |
| 420278.19 | 3741340.08 | 0.00047 | 420142.88 |
| 3741357.17 | 0.00044 | | |
| 420608.80 | 3741057.37 | 0.00096 | 420511.99 |
| 3740553.90 | 0.00026 | | |
| 420488.43 | 3740559.01 | 0.00027 | 420469.97 |
| 3740559.01 | 0.00027 | | |
| 420450.63 | 3740557.68 | 0.00026 | 420375.94 |
| 3740561.46 | 0.00023 | | |
| 420717.99 | 3741113.42 | | |
| 0.00050 | | | |

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Struck\13101 Ops\1310 ***          10/24/22
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

NETWORK

| GROUP ID | NETWORK | AVERAGE CONC | RECEPTOR (XR, YR, ZELEV, ZHILL, |
|----------|----------------------|--------------|---------------------------------|
| ZFLAG) | OF TYPE GRID-ID | | |
| ALL | 1ST HIGHEST VALUE IS | 0.00278 AT (| 420464.12, 3740871.04, 51.00, |
| 51.00, | 0.00) DC | | |
| | 2ND HIGHEST VALUE IS | 0.00266 AT (| 420464.12, 3740900.15, 51.00, |
| | 51.00, 0.00) DC | | |
| | 3RD HIGHEST VALUE IS | 0.00261 AT (| 420462.79, 3740816.58, 51.00, |
| | 51.00, 0.00) DC | | |
| | 4TH HIGHEST VALUE IS | 0.00258 AT (| 420460.34, 3740849.26, 51.00, |
| | 51.00, 0.00) DC | | |
| | 5TH HIGHEST VALUE IS | 0.00250 AT (| 420464.12, 3740795.25, 51.00, |
| | 51.00, 0.00) DC | | |

6TH HIGHEST VALUE IS 0.00244 AT (420464.12, 3740925.71, 51.00,
51.00, 0.00) DC
7TH HIGHEST VALUE IS 0.00216 AT (420463.67, 3740956.60, 51.00,
51.00, 0.00) DC
8TH HIGHEST VALUE IS 0.00208 AT (420520.28, 3741000.00, 51.56,
51.56, 0.00) DC
9TH HIGHEST VALUE IS 0.00188 AT (420622.08, 3740985.55, 52.88,
52.88, 0.00) DC
10TH HIGHEST VALUE IS 0.00176 AT (420651.04, 3740870.98, 53.00,
53.00, 0.00) DC

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

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*** MODELOPTs: RegDEFAULT 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 1864 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 1500 Calm Hours Identified

A Total of 364 Missing Hours Identified (0.83 Percent)

***** FATAL ERROR MESSAGES *****

*** NONE ***

***** WARNING MESSAGES *****

ME W186 1036 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1036 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 ³) (b) | (mg/m ³) (c) | | | URF (ug/m ³) ⁻¹ (f) | CPF (mg/kg/day) ⁻¹ (g) | DOSE (mg/kg-day) (h) | RISK (i) | REL (ug/m ³) (j) | RfD (mg/kg/day) (k) | RESP (l) | CNS/PNS (m) | CV/BL (n) | IMMUN (o) | KIDN (p) | GI/LV (q) | REPRO (r) | EYES (s) |
| | 0.01511 | 1.51E-05 | | | 1.00E+00 | Diesel Particulate | 3.0E-04 | 1.1E+00 | 1.2E-05 | 2.4E-06 | 5.0E+00 | 1.4E-03 | 3.0E-03 | | | | | |
| TOTAL | | | | | | | 2.4E-06 | | | 3.0E-03 | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0.0E+00 | |

2.36

** Key to Toxicological Endpoints

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

Note: Exposure factors used to calculate contaminant intake

| | |
|---|------|
| exposure frequency (days/year) | 260 |
| exposure duration (years) | 1.34 |
| inhalation rate (L/kg-day) | 1090 |
| inhalation absorption factor | 1 |
| averaging time (years) | 70 |
| fraction of time at home | 1.00 |
| age sensitivity factor (0 to 2 years old) | 10 |

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

| Source (a) | Mass GLC | | Weight Fraction (d) | Contaminant (e) | Carcinogenic Risk | | | | Noncarcinogenic Hazards/ Toxicological Endpoints** | | | | | | | | | |
|---------------|-----------------------------|-----------------------------|---------------------------|--------------------|--|---|----------------------------|-------------|--|---------------------------|-------------|----------------|--------------|--------------|-------------|--------------|--------------|-------------|
| | (ug/m ³) (b) | (mg/m ³) (c) | | | URF (ug/m ³) ⁻¹ (f) | CPF (mg/kg/day) ⁻¹ (g) | DOSE (mg/kg-day) (h) | RISK (i) | REL (ug/m ³) (j) | RfD (mg/kg/day) (k) | RESP (l) | CNS/PNS (m) | CV/BL (n) | IMMUN (o) | KIDN (p) | GI/LV (q) | REPRO (r) | EYES (s) |
| | 0.00110 | 1.10E-06 | | | 1.00E+00 | Diesel Particulate | 3.0E-04 | 1.1E+00 | 6.0E-07 | 2.6E-07 | 5.0E+00 | 1.4E-03 | 2.2E-04 | | | | | |
| TOTAL | | | | 2.6E-07 | | | | 2.2E-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 | |

0.26

** Key to Toxicological Endpoints

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

Note: Exposure factors used to calculate contaminant intake

| | |
|---|-------|
| exposure frequency (days/year) | 350 |
| exposure duration (years) | 13.23 |
| inhalation rate (L/kg-day) | 572 |
| inhalation absorption factor | 1 |
| averaging time (years) | 70 |
| fraction of time at home | 0.72 |
| age sensitivity factor (ages 2 to 16 years) | 3 |

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

| Source (a) | Mass GLC | | Weight Fraction (d) | Contaminant (e) | Carcinogenic Risk | | | | Noncarcinogenic Hazards/ Toxicological Endpoints** | | | | | | | | | |
|---------------|-----------------------------|-----------------------------|---------------------------|--------------------|--|---|----------------------------|-------------|--|---------------------------|-------------|----------------|--------------|--------------|-------------|--------------|--------------|-------------|
| | (ug/m ³) (b) | (mg/m ³) (c) | | | URF (ug/m ³) ⁻¹ (f) | CPF (mg/kg/day) ⁻¹ (g) | DOSE (mg/kg-day) (h) | RISK (i) | REL (ug/m ³) (j) | RfD (mg/kg/day) (k) | RESP (l) | CNS/PNS (m) | CV/BL (n) | IMMUN (o) | KIDN (p) | GI/LV (q) | REPRO (r) | EYES (s) |
| | | 0.00110 | | | 1.10E-06 | 1.00E+00 | Diesel Particulate | 3.0E-04 | 1.1E+00 | 2.8E-07 | 4.2E-08 | 5.0E+00 | 1.4E-03 | 2.2E-04 | | | | |
| TOTAL | | | | | 4.2E-08 | | | | 2.2E-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 | |

0.04

** Key to Toxicological Endpoints

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

Note: Exposure factors used to calculate contaminant intake

exposure frequency (days/year) 350
exposure duration (years) 14
inhalation rate (L/kg-day) 261
inhalation absorption factor 1
averaging time (years) 70
fraction of time at home 0.73
age sensitivity factor (ages 16 to 30 years old) 1

Total Risk for All Age Bins (per million) 2.66

Table 5
Quantification of Carcinogenic Risks and Noncarcinogenic Risks
25-Year Worker Exposure Scenario (HUB OC)

| | Source (a) | Mass GLC | | Weight Fraction (d) | Contaminant (e) | Carcinogenic Risk | | | | Noncarcinogenic Hazards/ Toxicological Endpoints** | | | | | | | | | | |
|-------|---------------|-----------------------------|-----------------------------|------------------------|--------------------|--|---|----------------------------|--------------------|--|---------------------------|-------------|----------------|--------------|--------------|-------------|--------------|--------------|-------------|--|
| | | (ug/m ³) (b) | (mg/m ³) (c) | | | URF (ug/m ³) ⁻¹ (f) | CPF (mg/kg/day) ⁻¹ (g) | DOSE (mg/kg-day) (h) | RISK (i) | REL (ug/m ³) (j) | RfD (mg/kg/day) (k) | RESP (l) | CNS/PNS (m) | CV/BL (n) | IMMUN (o) | KIDN (p) | GI/LV (q) | REPRO (r) | EYES (s) | |
| | | 1 | Diesel Particulates | | | 2.64E-02 | 2.64E-05 | 1.00E+00 | Diesel Particulate | 3.0E-04 | 1.1E+00 | 4.3E-06 | 8.7E-08 | 5.0E+00 | 1.4E-03 | 5.3E-03 | | | | |
| TOTAL | | | | | | | | | 8.7E-08 0.09 | | 5.3E-03 | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0.0E+00 | |

** Key to Toxicological Endpoints

Note: Exposure factors used to calculate contaminant intake

| | | | |
|---------|--|--------------------------------|------|
| RESP | Respiratory System | exposure frequency (days/year) | 260 |
| CNS/PNS | Central/Peripheral Nervous System | exposure duration (years) | 1.34 |
| 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 | | |

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

| Source (a) | Mass GLC | | Weight Fraction (d) | Contaminant (e) | Carcinogenic Risk | | | | Noncarcinogenic Hazards/ Toxicological Endpoints** | | | | | | | | | |
|---------------|-----------------------------|-----------------------------|---------------------------|--------------------|--|---|----------------------------|-------------|--|---------------------------|-------------|----------------|--------------|--------------|-------------|--------------|--------------|-------------|
| | (ug/m ³) (b) | (mg/m ³) (c) | | | URF (ug/m ³) ⁻¹ (f) | CPF (mg/kg/day) ⁻¹ (g) | DOSE (mg/kg-day) (h) | RISK (i) | REL (ug/m ³) (j) | RfD (mg/kg/day) (k) | RESP (l) | CNS/PNS (m) | CV/BL (n) | IMMUN (o) | KIDN (p) | GI/LV (q) | REPRO (r) | EYES (s) |
| | | 0.00110 | | | 1.10E-06 | 1.00E+00 | Diesel Particulate | 3.0E-04 | 1.1E+00 | 3.8E-07 | 1.2E-08 | 5.0E+00 | 1.4E-03 | 2.2E-04 | | | | |
| TOTAL | | | | | | | | 1.2E-08 | | | 2.2E-04 | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0.0E+00 |

** Key to Toxicological Endpoints

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

Note: Exposure factors used to calculate contaminant intake

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

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

| Source (a) | Mass GLC | | Weight Fraction (d) | Contaminant (e) | Carcinogenic Risk | | | | Noncarcinogenic Hazards/ Toxicological Endpoints** | | | | | | | | | |
|---------------|-----------------------------|-----------------------------|---------------------------|--------------------|--|---|----------------------------|-------------|---|---------------------------|-------------|----------------|--------------|--------------|-------------|--------------|--------------|-------------|
| | (ug/m ³) (b) | (mg/m ³) (c) | | | URF (ug/m ³) ⁻¹ (f) | CPF (mg/kg/day) ⁻¹ (g) | DOSE (mg/kg-day) (h) | RISK (i) | REL (ug/m ³) (j) | RfD (mg/kg/day) (k) | RESP (l) | CNS/PNS (m) | CV/BL (n) | IMMUN (o) | KIDN (p) | GI/LV (q) | REPRO (r) | EYES (s) |
| | 0.00110 | 1.10E-06 | | | 1.00E+00 | Diesel Particulate | 3.0E-04 | 1.1E+00 | 1.1E-06 | 2.9E-07 | 5.0E+00 | 1.4E-03 | 2.2E-04 | | | | | |
| TOTAL | | | | | 2.9E-07 | | | | 2.2E-04 0.0E+00 0.0E+00 0.0E+00 0.0E+00 0.0E+00 0.0E+00 0.0E+00 | | | | | | | | | |

** Key to Toxicological Endpoints

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

Note: Exposure factors used to calculate contaminant intake

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

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

| Source (a) | Mass GLC | | Weight Fraction (d) | Contaminant (e) | Carcinogenic Risk | | | | Noncarcinogenic Hazards/ Toxicological Endpoints** | | | | | | | | | |
|---------------|-----------------------------|-----------------------------|---------------------------|--------------------|--|---|----------------------------|-------------|--|---------------------------|-------------|----------------|--------------|--------------|-------------|--------------|--------------|-------------|
| | (ug/m ³) (b) | (mg/m ³) (c) | | | URF (ug/m ³) ⁻¹ (f) | CPF (mg/kg/day) ⁻¹ (g) | DOSE (mg/kg-day) (h) | RISK (i) | REL (ug/m ³) (j) | RfD (mg/kg/day) (k) | RESP (l) | CNS/PNS (m) | CV/BL (n) | IMMUN (o) | KIDN (p) | GI/LV (q) | REPRO (r) | EYES (s) |
| | 0.00110 | 1.10E-06 | | | 1.00E+00 | Diesel Particulate | 3.0E-04 | 1.1E+00 | 6.0E-07 | 2.7E-07 | 5.0E+00 | 1.4E-03 | 2.2E-04 | | | | | |
| TOTAL | | | | | | | 2.7E-07 | | | 2.2E-04 | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0.0E+00 | |

** Key to Toxicological Endpoints

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

Note: Exposure factors used to calculate contaminant intake

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

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

| Source (a) | Mass GLC | | Weight Fraction (d) | Contaminant (e) | Carcinogenic Risk | | | | Noncarcinogenic Hazards/ Toxicological Endpoints** | | | | | | | | | |
|---------------|-----------------------------|-----------------------------|---------------------------|--------------------|--|---|----------------------------|-------------|--|---------------------------|-------------|----------------|--------------|--------------|-------------|--------------|--------------|-------------|
| | (ug/m ³) (b) | (mg/m ³) (c) | | | URF (ug/m ³) ⁻¹ (f) | CPF (mg/kg/day) ⁻¹ (g) | DOSE (mg/kg-day) (h) | RISK (i) | REL (ug/m ³) (j) | RfD (mg/kg/day) (k) | RESP (l) | CNS/PNS (m) | CV/BL (n) | IMMUN (o) | KIDN (p) | GI/LV (q) | REPRO (r) | EYES (s) |
| | | 0.00110 | | | 1.10E-06 | 1.00E+00 | Diesel Particulate | 3.0E-04 | 1.1E+00 | 2.8E-07 | 4.2E-08 | 5.0E+00 | 1.4E-03 | 2.2E-04 | | | | |
| TOTAL | | | | | 4.2E-08 | | | | 2.2E-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 | |

0.04

** Key to Toxicological Endpoints

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

Note: Exposure factors used to calculate contaminant intake

exposure frequency (days/year) 350
exposure duration (years) 14
inhalation rate (L/kg-day) 261
inhalation absorption factor 1
averaging time (years) 70
fraction of time at home 0.73
age sensitivity factor (ages 16 to 30 years old) 1

Total Risk for All Age Bins (per million) 0.62

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** | | | | | | | | | | |
|-------|---------------------|-----------------------------|-----------------------------|------------------------|--------------------|--|---|----------------------------|-----------------|--|---------------------------|-------------|----------------|--------------|--------------|-------------|--------------|--------------|-------------|---------|
| | | (b) | (c) | | | URF (ug/m ³) ⁻¹ (f) | CPF (mg/kg/day) ⁻¹ (g) | DOSE (mg/kg-day) (h) | RISK (i) | REL (ug/m ³) (j) | RfD (mg/kg/day) (k) | RESP (l) | CNS/PNS (m) | CV/BL (n) | IMMUN (o) | KIDN (p) | GI/LV (q) | REPRO (r) | EYES (s) | |
| | | (ug/m ³) (b) | (mg/m ³) (c) | | | (ug/m ³) ⁻¹ (f) | (mg/kg/day) ⁻¹ (g) | (mg/kg-day) (h) | (i) | (ug/m ³) (j) | (mg/kg/day) (k) | (l) | (m) | (n) | (o) | (p) | (q) | (r) | (s) | |
| 1 | Diesel Particulates | 2.78E-03 | 2.78E-06 | 1.00E+00 | Diesel Particulate | 3.0E-04 | 1.1E+00 | 4.4E-07 | 1.6E-07 | 5.0E+00 | 1.4E-03 | 5.6E-04 | | | | | | | | |
| TOTAL | | | | | | | | | 1.6E-07 0.16 | | | 5.6E-04 | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0.0E+00 | 0.0E+00 |

** 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 | | |

**Table 5
Quantification of Carcinogenic Risks and Noncarcinogenic Risks
25-Year Worker Exposure Scenario (HUB OC)**

| | Source (a) | Mass GLC | | Weight Fraction (d) | Contaminant (e) | Carcinogenic Risk | | | | Noncarcinogenic Hazards/ Toxicological Endpoints** | | | | | | | | | | | | | | |
|-------|---------------------|----------------------|----------------------|------------------------|--------------------|--|---|----------------------------|-----------------|--|---------------------------|-------------|----------------|--------------|--------------|-------------|--------------|--------------|-------------|---------|---------|---------|--|--|
| | | (b) | (c) | | | URF (ug/m ³) ⁻¹ (f) | CPF (mg/kg/day) ⁻¹ (g) | DOSE (mg/kg-day) (h) | RISK (i) | REL (ug/m ³) (j) | RfD (mg/kg/day) (k) | RESP (l) | CNS/PNS (m) | CV/BL (n) | IMMUN (o) | KIDN (p) | GI/LV (q) | REPRO (r) | EYES (s) | | | | | |
| | | (ug/m ³) | (mg/m ³) | | | | | | | | | | | | | | | | | | | | | |
| 1 | Diesel Particulates | 1.88E-03 | 1.88E-06 | 1.00E+00 | Diesel Particulate | 3.0E-04 | 1.1E+00 | 3.0E-07 | 1.1E-07 | 5.0E+00 | 1.4E-03 | 3.8E-04 | | | | | | | | | | | | |
| TOTAL | | | | | | | | | 1.1E-07 0.11 | | | 3.8E-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 | | |

** 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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