



Orchard Logistics Center

MOBILE SOURCE HEALTH RISK ASSESSMENT

CITY OF BEAUMONT

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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
PM10	Particulate Matter 10 microns in diameter or less
Project	Orchard Logistics Center
REL	Reference Exposure Level
RM	Recommended Measures
SCAQMD	South Coast Air Quality Management District
SRA	Source Receptor Area
TAC	Toxic Air Contaminant
TA	Traffic Analysis
URF	Unit Risk Factor
UTM	Universal Transverse Mercator
VMT	Vehicle Miles Traveled

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EXECUTIVE SUMMARY

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

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

CONSTRUCTION IMPACTS

The land use with the greatest potential exposure to Project construction DPM source emissions is Location R8 which is located approximately 1,743 feet northeast of the Project site at an existing residence located at 901 Wilsey Way. R8 is placed at the private outdoor living area (backyard) facing the Project site. Although R8 is not the receptor that is closest to the Project site, due to local meteorological conditions (wind direction and speed), it is the receptor that would experience the highest concentration of DPM during Project construction. At the maximally exposed individual receptor (MEIR), the maximum incremental cancer risk attributable to Project construction DPM source emissions is estimated at 0.59 in one million, which is less than the SCAQMD's significance threshold of 10 in one million. At this same location, non-cancer risks were estimated to be <0.01, which would not exceed the applicable threshold of 1.0. As such, the Project will not cause a significant human health or cancer risk to adjacent land uses as a result of Project construction activity. All other receptors during construction activity would experience less risk than what is identified for this location. The nearest modeled receptors are illustrated on Exhibit 2-D.

OPERATIONAL IMPACTS

Residential Exposure Scenario:

The residential land use with the greatest potential exposure to Project DPM source emissions is Location R8 which is located approximately 1,743 feet northeast of the Project site at an existing residence located at 901 Wilsey Way. R8 is placed at the private outdoor living area (backyard) facing the Project site. At the MEIR, the maximum incremental cancer risk attributable to Project DPM source emissions is estimated at 0.47 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, 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 DPM source emissions is Location R2, which represents the adjacent potential worker receptor approximately 294 feet east of the Project site. At the maximally exposed individual worker (MEIW), the maximum incremental cancer risk impact is 0.29 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.

Due to the short-term nature of Project construction activities and the reduced exposure durations that are assumed for worker receptors, the risk to nearby workers is typically quantified for long-term operational activity only.

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, which may be impacted by a proposed project (in line with SCAQMD's public noticing requirements for schools near toxic sources). 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 located within a ¼ mile of the Project site. The nearest school is Three Ring Elementary School, which is located approximately 2,260 feet northeast 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.

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

CONSTRUCTION AND OPERATIONAL IMPACTS

The land use with the greatest potential exposure to Project construction and operational DPM source emissions is Location R8. At the MEIR, the maximum incremental cancer risk attributable to Project construction and operational DPM source emissions is estimated at 0.82 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
1.38 Year Exposure	Maximum Exposed Sensitive Receptor	0.59	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	0.47	10	NO
25 Year Exposure	Maximum Exposed Worker Receptor	0.29	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	0.82	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 SCAQMD's 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 Orchard Logistics Center site is located south of the Moreno Valley Freeway (State Route 60 [SR-60] Freeway), north of 4th Street, and at the northern terminus of Nicholas Road, in the City of Beaumont, as shown on Exhibit 1-A.

1.2 PROJECT DESCRIPTION

As shown in Exhibit 1-B, the Project is proposed to consist of 610,000 square feet (sf) of warehouse use within a single building. Consistent with the *Orchard Logistics Center Traffic Analysis*, the building has conservatively been evaluated assuming 10 percent (%) high-cube cold storage warehousing use (61,000 sf) and 90% high-cube fulfillment center warehousing use (549,000 sf). The proposed Project expected to generate approximately 1,304 total trips per day (652 vehicles inbound + 652 vehicles outbound) which include 1,046 total passenger vehicle trips per day (523 passenger vehicles inbound + 523 passenger vehicles outbound) and 258 total truck trips per day (129 trucks inbound + 129 trucks outbound) (4).

EXHIBIT 1-A: LOCATION MAP

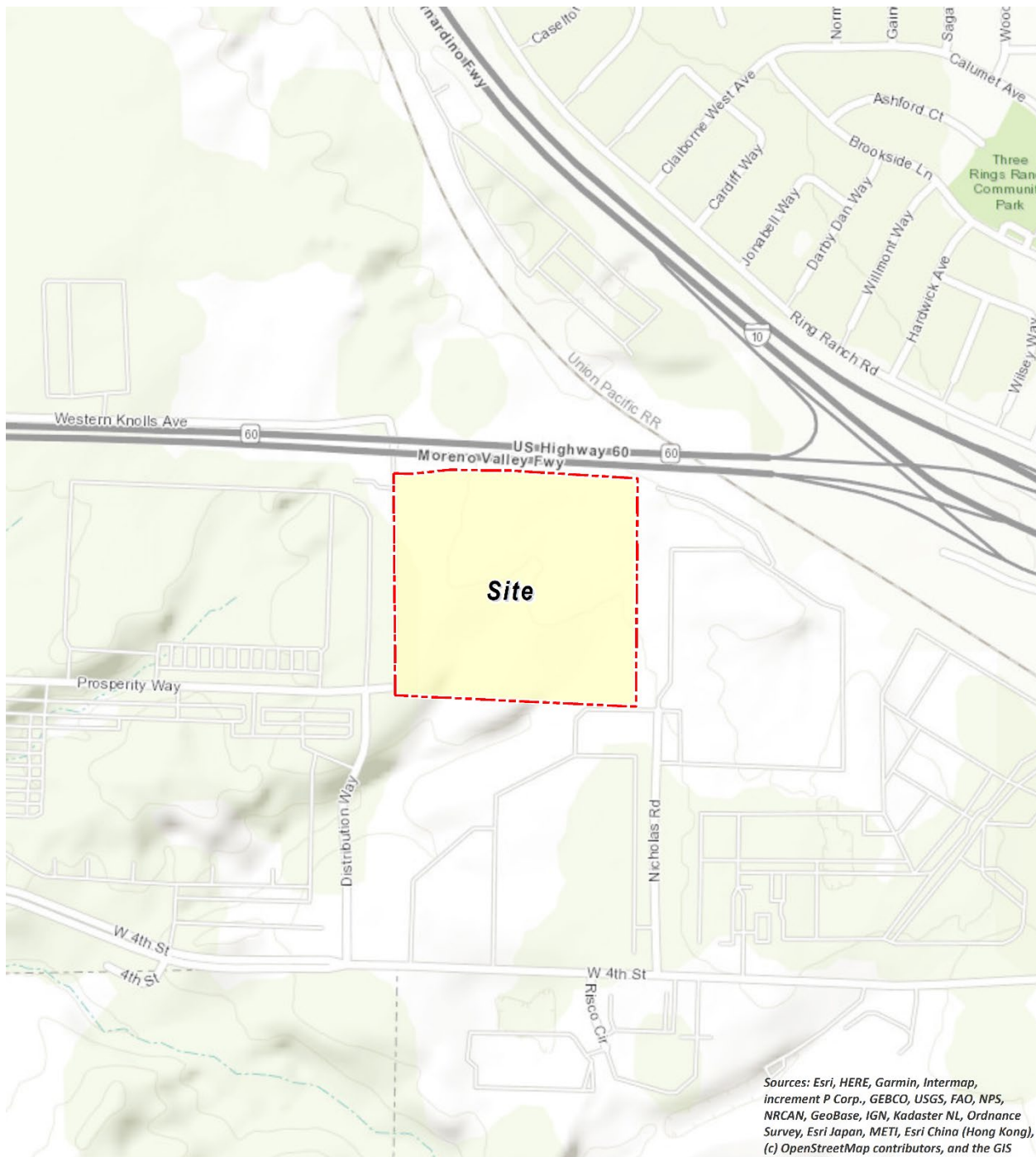
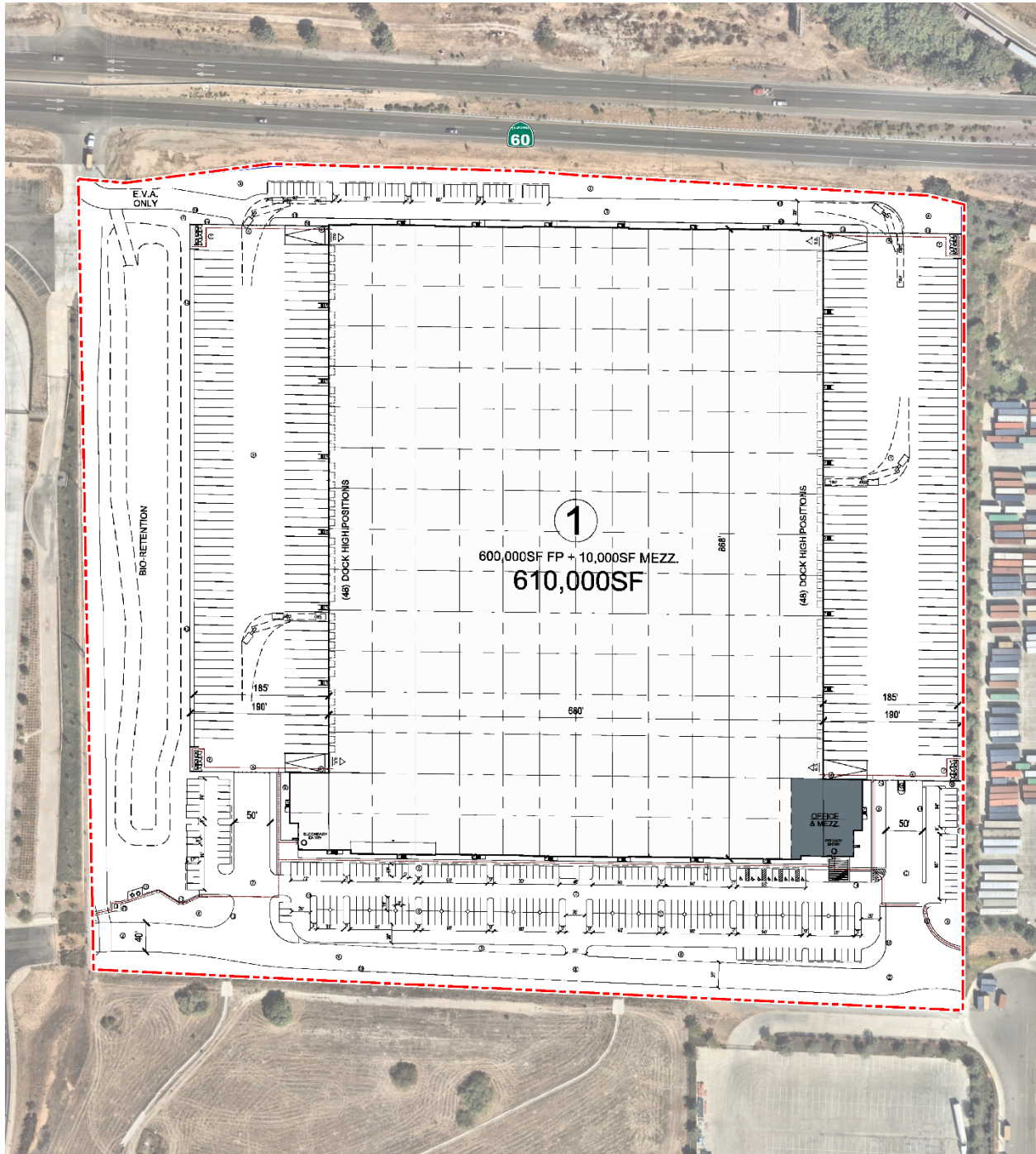


EXHIBIT 1-B: SITE PLAN



LEGEND:

Site Boundary

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2 BACKGROUND

2.1 BACKGROUND ON RECOMMENDED METHODOLOGY

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

- The ARB-adopted diesel exhaust Unit Risk Factor (URF) of 300 in one million per $\mu\text{g}/\text{m}^3$ is based upon the upper 95 percentile of estimated risk for each of the epidemiological studies utilized to develop the URF. Using the 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 *Orchard Logistics Center Air Quality Impact Analysis* ("technical study") prepared by Urban Crossroads, Inc. (5)

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

As discussed in the technical study, the Project would result in approximately 360 total working-days for 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	Days
Demolition/Crushing	06/01/2023	07/12/2023	30
Site Preparation	07/13/2023	08/23/2023	30
Grading	08/24/2023	11/15/2023	60
Building Construction	11/16/2023	07/24/2024	180
Paving	07/25/2024	10/16/2024	60
Architectural Coating	07/25/2024	10/16/2024	60

TABLE 2-2: CONSTRUCTION EQUIPMENT ASSUMPTIONS

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

EXHIBIT 2-A: MODELED CONSTRUCTION EMISSION SOURCES



LEGEND:

 Construction Activity

2.3 OPERATIONAL HEALTH RISK ASSESSMENT

2.3.1 ON-SITE AND OFF-SITE TRUCK ACTIVITY

Vehicle DPM emissions were calculated using emission factors for particulate matter less than 10 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 (6). The most recent version of this model, EMFAC 2021, incorporates regional motor vehicle data, information and estimates regarding the distribution of vehicle miles traveled (VMT) by speed, and number of starts per day.

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

For this Project, annual average PM₁₀ emission factors were generated by running EMFAC 2021 in project analysis mode for vehicles in the Riverside County jurisdiction. The project analysis 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 59.7% diesel, Medium-Heavy-Duty Trucks are comprised of 91.3% diesel, and Heavy-Heavy-Duty Trucks are comprised of 95.2% diesel. Trucks fueled by diesel are accounted for by these percentages accordingly in the emissions factor generation. Appendix 2.2 includes additional details on the emissions estimates from EMFAC.

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

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

Where:

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

$\text{EF}_{\text{RunExhaust}}$ (g/VMT): EMFAC running exhaust 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 (7):

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

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)	0.07770 (g/idle-hr)
5	0.02093 (g/s)
25	0.00933 (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

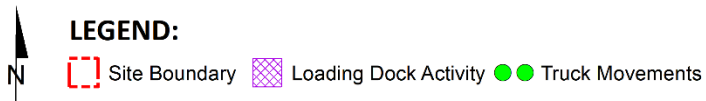
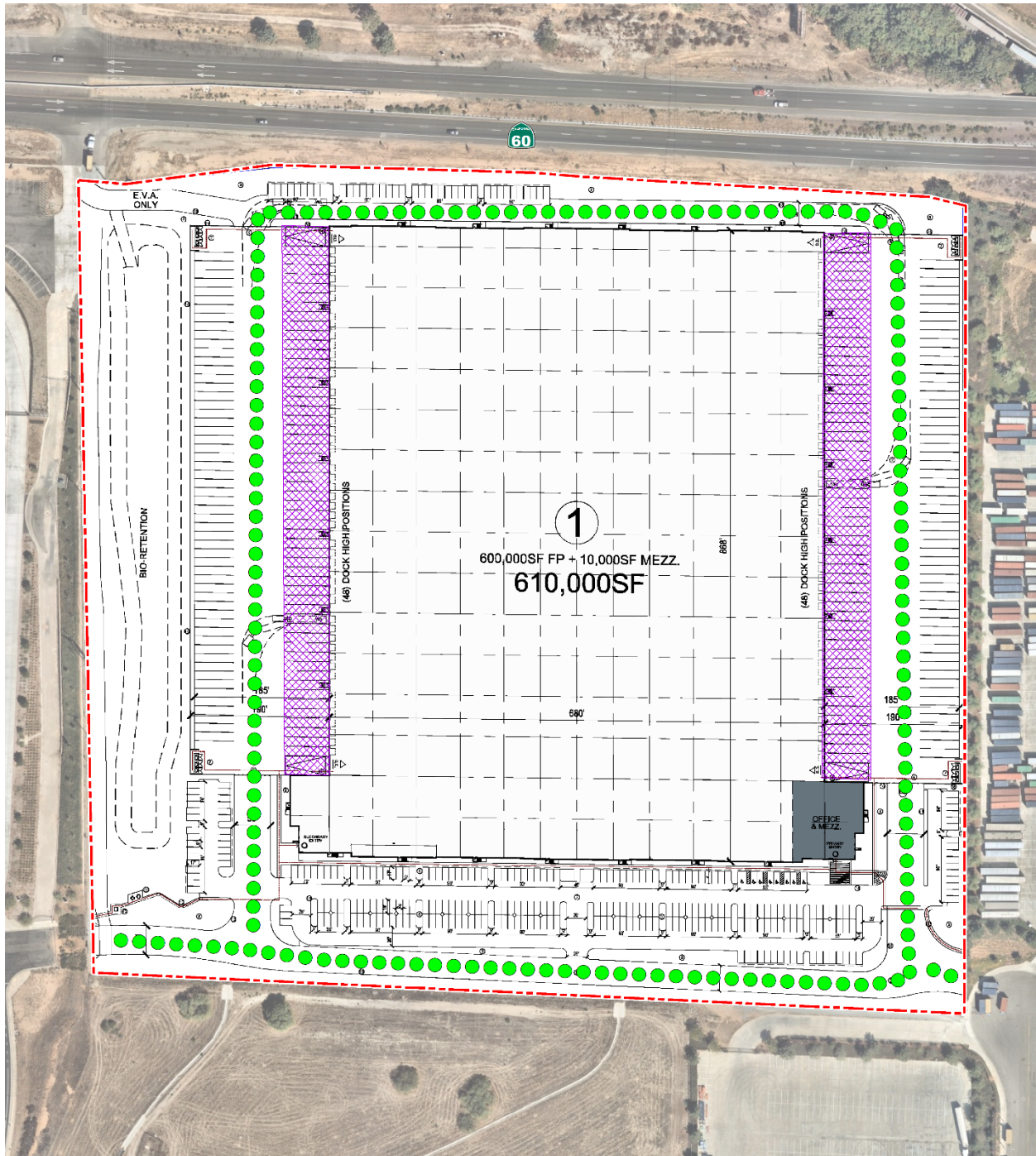
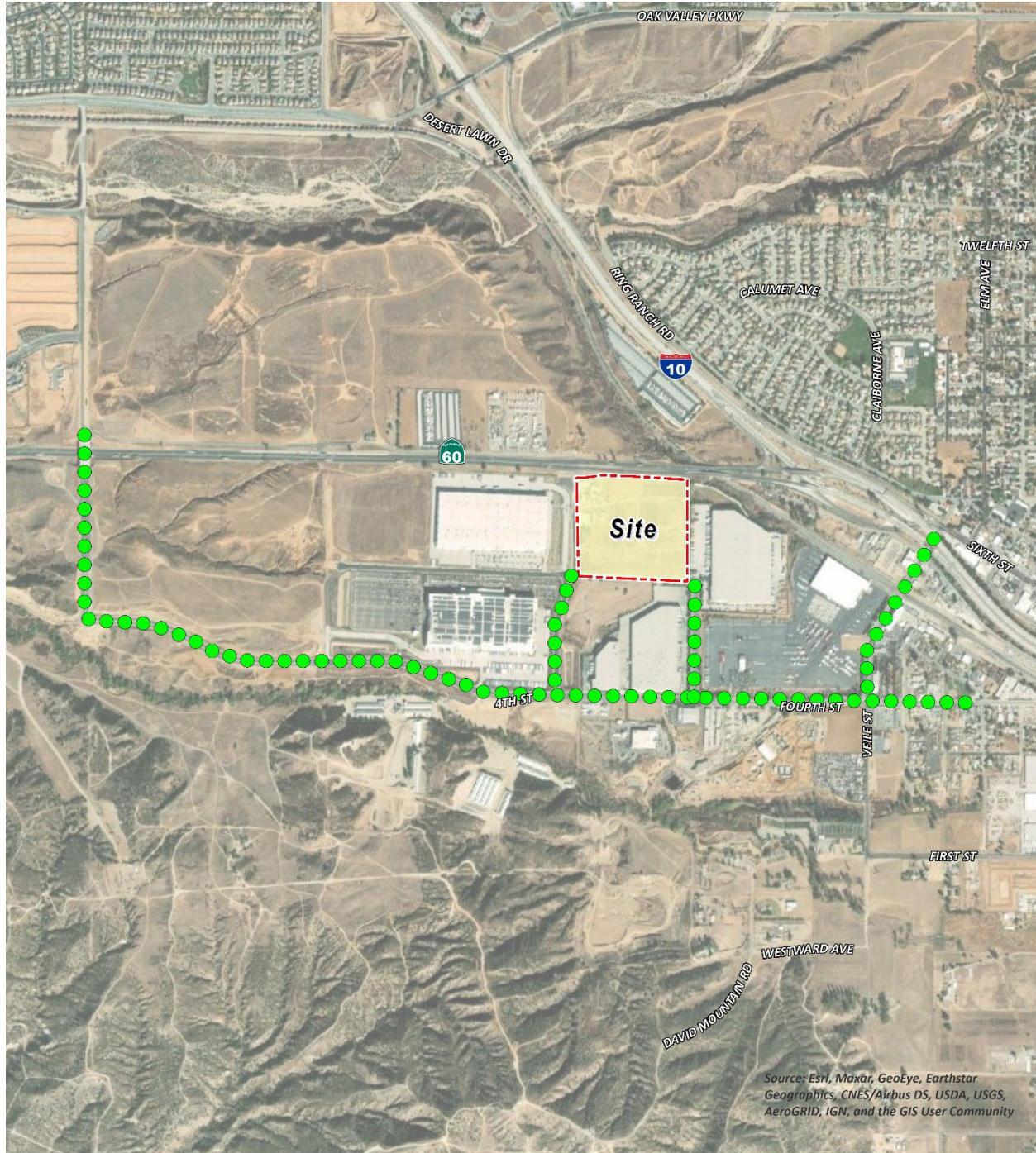


EXHIBIT 2-C: MODELED OFF-SITE EMISSION SOURCES



LEGEND:

Site Boundary ●●● Truck Movements

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 - East	65			0.0777	3.99	4.624E-05
On-Site Idling - West	65			0.0777	3.99	4.624E-05
On-Site Travel	258	197.51	0.0209		7.49	8.671E-05
Off-Site Travel - Nicholas Road 65% Inbound/Outbound	168	42.67	0.0093		0.54	6.289E-06
Off-Site Travel - 4th Street 70% Inbound/Outbound	181	63.71	0.0093		0.81	9.389E-06
Off-Site Travel - 4th Street 35% Inbound/Outbound	90	21.96	0.0093		0.28	3.237E-06
Off-Site Travel - Veile Avenue 35% Inbound/Outbound	90	36.29	0.0093		0.46	5.349E-06
Off-Site Travel - Distribution Way 35% Inbound/Outbound	90	24.54	0.0093		0.31	3.616E-06
Off-Site Travel - 4th Street 20% Inbound/Outbound	52	14.60	0.0093		0.19	2.151E-06
Off-Site Travel - 4th Street 30% Inbound/Outbound	77	108.54	0.0093		1.38	1.600E-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 and each TRU operates for 30 minutes.						

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

As summarized in the *Orchard Logistics Center Traffic Analysis* prepared by Urban Crossroads, Inc., the proposed Project is expected to generate approximately 1,304 total trips per day (652 vehicles inbound + 652 vehicles outbound) which include 1,046 total passenger vehicle trips per day (523 passenger vehicles inbound + 523 passenger vehicles outbound) and 258 total truck trips per day (129 trucks inbound + 129 trucks outbound) (9).

2.3 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 10.2.1) was used to calculate annual average particulate concentrations associated with site operations. Lakes AERMOD View was utilized to incorporate the U.S. EPA's latest AERMOD Version 21112 (10).

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 (11). The model requires additional input parameters including emission data and local meteorology. Meteorological data from the SCAQMD's Banning Airport monitoring station (SRA 29) was used to represent local weather conditions and prevailing winds (12).

TABLE 2-5: AERMOD MODEL PARAMETERS

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

Universal Transverse Mercator (UTM) coordinates for World Geodetic System (WGS) 84 were used to locate the Project site boundaries, each volume source location, and receptor locations

in the Project 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 (13). United States Geological Survey (USGS) Digital Elevation Model (DEM) terrain data based on a 7.5-minute topographic quadrangle map series using AERMAP was utilized in the HRA modeling to set elevations (14).

Discrete variants for daily breathing rates, exposure frequency, and exposure duration were obtained from relevant distribution profiles presented in the 2015 OEHHA Guidelines. Tables 2-6 through 2-7 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	1.38	1.00	260	8

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

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

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

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

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

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

2.5 NON-CARCINOGENIC EXPOSURES

An evaluation of the potential noncarcinogenic effects of chronic exposures was also conducted. Adverse health effects are evaluated by comparing a compound's annual concentration with its toxicity factor or Reference Exposure Level (REL). The REL for diesel particulates was obtained from OEHHA for this analysis. The chronic reference exposure level (REL) for DPM was established by OEHHA as 5 µg/m³ (15).

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 (µg/m ³).
REL _{DPM}	=	Reference exposure level (REL) for DPM; the DPM concentration at which no adverse health effects are anticipated.

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

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

CONSTRUCTION IMPACTS

The land use with the greatest potential exposure to Project construction DPM source emissions is Location R8 which is located approximately 1,743 feet northeast of the Project site at an existing residence located at 901 Wilsey Way. R8 is placed at the private outdoor living area (backyard) facing the Project site. Although R8 is not the receptor that is closest to the Project site, due to local meteorological conditions (wind direction and speed), it is the receptor that would experience the highest concentration of DPM during Project construction. At the maximally exposed individual receptor (MEIR), the maximum incremental cancer risk attributable to Project construction DPM source emissions is estimated at 0.59 in one million, which is less than the SCAQMD's significance threshold of 10 in one million. At this same location, non-cancer risks were estimated to be <0.01, which would not exceed the applicable threshold of 1.0. As such, the Project will not cause a significant human health or cancer risk to adjacent land uses as a result of Project construction activity. All other receptors during construction activity would experience less risk than what is identified for this location. The nearest modeled receptors are illustrated on Exhibit 2-D.

OPERATIONAL IMPACTS

Residential Exposure Scenario:

The residential land use with the greatest potential exposure to Project DPM source emissions is Location R8 which is located approximately 1,743 feet northeast of the Project site at an existing residence located at 901 Wilsey Way. R8 is placed at the private outdoor living area (backyard) facing the Project site. At the MEIR, the maximum incremental cancer risk attributable to Project DPM source emissions is estimated at 0.47 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, 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:

³ SCAQMD guidance does not require assessment of the potential health risk to on-site workers. Excerpts from the document OEHHA Air Toxics Hot Spots Program Risk Assessment Guidelines—The Air Toxics Hot Spots Program Guidance Manual for Preparation of Health Risk Assessments (OEHHA 2003), also indicate that it is not necessary to examine the health effects to on-site workers unless required by RCRA (Resource Conservation and Recovery Act) / CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act) or the worker resides on-site.

The worker receptor land use with the greatest potential exposure to Project DPM source emissions is Location R2, which represents the adjacent potential worker receptor approximately 294 feet east of the Project site. At the maximally exposed individual worker (MEIW), the maximum incremental cancer risk impact is 0.29 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 located within a ¼ mile of the Project site. The nearest school is Three Ring Elementary School, which is located approximately 2,260 feet northeast 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.

CONSTRUCTION AND OPERATIONAL IMPACTS

The land use with the greatest potential exposure to Project construction and operational DPM source emissions is Location R8. At the MEIR, the maximum incremental cancer risk attributable to Project construction and operational DPM source emissions is estimated at 0.82 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 shown on Exhibit 2-D do not represent all receptors modeled as part of this analysis.

EXHIBIT 2-D: RECEPTOR LOCATIONS



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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 Orchard Logistics Center 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 directly at hqureshi@urbanxroads.com.

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Master of Science in Environmental Studies
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AEP – Association of Environmental Planners
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ASTM – American Society for Testing and Materials

PROFESSIONAL CERTIFICATIONS

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

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APPENDIX 2.1:

CALEEMOD OUTPUTS

14410 Orchard Logistics Center Construction Detailed Report

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1.1. Basic Project Information

Data Field	Value
Project Name	14410 Orchard Logistics Center Construction
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.50
Precipitation (days)	25.8
Location	33.93154051041351, -116.99695467872836
County	Riverside-South Coast
City	Beaumont
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5625
EDFZ	11
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Refrigerated Warehouse-No Rail	61.0	1000sqft	1.40	61,000	0.00	—	—	—
Unrefrigerated Warehouse-No Rail	549	1000sqft	12.6	549,000	201,915	—	—	—

Other Asphalt Surfaces	12.3	Acre	12.3	0.00	0.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

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

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

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

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	5.50	101	44.3	42.5	0.07	2.29	64.0	65.2	2.11	9.72	10.8	—	9,107	9,107	0.35	0.36	18.4	9,241
Mit.	5.50	52.8	44.3	42.5	0.07	2.29	64.0	65.2	2.11	9.72	10.8	—	9,107	9,107	0.35	0.36	18.4	9,241
% Reduced	—	48%	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	5.13	101	41.6	38.9	0.07	1.96	3.72	5.01	1.81	1.07	2.88	—	8,894	8,894	0.36	0.36	0.51	9,011
Mit.	5.13	52.8	41.6	38.9	0.07	1.96	3.72	5.01	1.81	1.07	2.88	—	8,894	8,894	0.36	0.36	0.51	9,011
% Reduced	—	48%	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.95	18.0	14.9	18.0	0.02	0.69	6.56	7.26	0.64	1.28	1.92	—	4,135	4,135	0.16	0.17	3.64	4,195

Mit.	1.95	10.0	14.9	18.0	0.02	0.69	6.56	7.26	0.64	1.28	1.92	—	4,135	4,135	0.16	0.17	3.64	4,195
% Reduced	—	44%	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.36	3.28	2.72	3.29	< 0.005	0.13	1.20	1.32	0.12	0.23	0.35	—	685	685	0.03	0.03	0.60	694
Mit.	0.36	1.83	2.72	3.29	< 0.005	0.13	1.20	1.32	0.12	0.23	0.35	—	685	685	0.03	0.03	0.60	694
% Reduced	—	44%	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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	5.50	4.63	44.3	36.9	0.07	2.29	64.0	65.2	2.11	9.72	10.8	—	7,449	7,449	0.29	0.13	2.48	7,498
2024	3.98	101	21.9	42.5	0.05	0.84	3.72	4.56	0.78	0.89	1.66	—	9,107	9,107	0.35	0.36	18.4	9,241
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2023	5.13	4.31	41.6	38.9	0.07	1.96	3.72	5.01	1.81	1.07	2.88	—	8,894	8,894	0.36	0.36	0.51	9,011
2024	3.90	101	22.2	37.3	0.05	0.84	3.72	4.56	0.78	0.89	1.66	—	8,809	8,809	0.36	0.36	0.48	8,926
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2023	1.95	1.64	14.9	14.2	0.02	0.69	6.56	7.26	0.64	1.28	1.92	—	2,826	2,826	0.11	0.07	1.08	2,851
2024	1.84	18.0	10.7	18.0	0.02	0.41	1.65	2.07	0.38	0.39	0.78	—	4,135	4,135	0.16	0.17	3.64	4,195
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2023	0.36	0.30	2.72	2.60	< 0.005	0.13	1.20	1.32	0.12	0.23	0.35	—	468	468	0.02	0.01	0.18	472
2024	0.34	3.28	1.95	3.29	< 0.005	0.08	0.30	0.38	0.07	0.07	0.14	—	685	685	0.03	0.03	0.60	694

2.3. Construction Emissions by Year, Mitigated

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2023	5.50	4.63	44.3	36.9	0.07	2.29	64.0	65.2	2.11	9.72	10.8	—	7,449	7,449	0.29	0.13	2.48	7,498
2024	3.98	52.8	21.9	42.5	0.05	0.84	3.72	4.56	0.78	0.89	1.66	—	9,107	9,107	0.35	0.36	18.4	9,241
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2023	5.13	4.31	41.6	38.9	0.07	1.96	3.72	5.01	1.81	1.07	2.88	—	8,894	8,894	0.36	0.36	0.51	9,011
2024	3.90	52.8	22.2	37.3	0.05	0.84	3.72	4.56	0.78	0.89	1.66	—	8,809	8,809	0.36	0.36	0.48	8,926
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2023	1.95	1.64	14.9	14.2	0.02	0.69	6.56	7.26	0.64	1.28	1.92	—	2,826	2,826	0.11	0.07	1.08	2,851
2024	1.84	10.0	10.7	18.0	0.02	0.41	1.65	2.07	0.38	0.39	0.78	—	4,135	4,135	0.16	0.17	3.64	4,195
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2023	0.36	0.30	2.72	2.60	< 0.005	0.13	1.20	1.32	0.12	0.23	0.35	—	468	468	0.02	0.01	0.18	472
2024	0.34	1.83	1.95	3.29	< 0.005	0.08	0.30	0.38	0.07	0.07	0.14	—	685	685	0.03	0.03	0.60	694

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	3.39	2.84	27.3	23.5	0.03	1.20	—	1.20	1.10	—	1.10	—	3,425	3,425	0.14	0.03	—	3,437
Demolition	—	—	—	—	—	—	63.7	63.7	—	9.64	9.64	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.28	0.23	2.25	1.93	< 0.005	0.10	—	0.10	0.09	—	0.09	—	282	282	0.01	< 0.005	—	282
Demolition	—	—	—	—	—	—	5.23	5.23	—	0.79	0.79	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.04	0.41	0.35	< 0.005	0.02	—	0.02	0.02	—	0.02	—	46.6	46.6	< 0.005	< 0.005	—	46.8
Demolition	—	—	—	—	—	—	0.95	0.95	—	0.14	0.14	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.08	0.08	1.36	0.00	0.00	0.01	0.01	0.00	0.00	0.00	—	220	220	0.01	0.01	0.94	224
Vendor	0.01	0.01	0.26	0.08	< 0.005	< 0.005	0.01	0.02	< 0.005	< 0.005	0.01	—	220	220	< 0.005	0.03	0.61	230

Hauling	0.01	< 0.005	0.33	0.08	< 0.005	0.01	0.02	0.02	0.01	0.01	0.01	—	284	284	0.01	0.05	0.60	298
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.09	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	16.9	16.9	< 0.005	< 0.005	0.03	17.1
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	18.1	18.1	< 0.005	< 0.005	0.02	18.9
Hauling	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	23.4	23.4	< 0.005	< 0.005	0.02	24.5
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	2.79	2.79	< 0.005	< 0.005	0.01	2.83
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.99	2.99	< 0.005	< 0.005	< 0.005	3.13
Hauling	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.87	3.87	< 0.005	< 0.005	< 0.005	4.05

3.2. Demolition (2023) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.39	2.84	27.3	23.5	0.03	1.20	—	1.20	1.10	—	1.10	—	3,425	3,425	0.14	0.03	—	3,437
Demolition	—	—	—	—	—	—	63.7	63.7	—	9.64	9.64	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.28	0.23	2.25	1.93	< 0.005	0.10	—	0.10	0.09	—	0.09	—	282	282	0.01	< 0.005	—	282
Demolition	—	—	—	—	—	—	5.23	5.23	—	0.79	0.79	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.04	0.41	0.35	< 0.005	0.02	—	0.02	0.02	—	0.02	—	46.6	46.6	< 0.005	< 0.005	—	46.8
Demolition	—	—	—	—	—	—	0.95	0.95	—	0.14	0.14	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.08	0.08	1.36	0.00	0.00	0.01	0.01	0.00	0.00	0.00	—	220	220	0.01	0.01	0.94	224
Vendor	0.01	0.01	0.26	0.08	< 0.005	< 0.005	0.01	0.02	< 0.005	< 0.005	0.01	—	220	220	< 0.005	0.03	0.61	230
Hauling	0.01	< 0.005	0.33	0.08	< 0.005	0.01	0.02	0.02	0.01	0.01	0.01	—	284	284	0.01	0.05	0.60	298
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.09	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	16.9	16.9	< 0.005	< 0.005	0.03	17.1
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	18.1	18.1	< 0.005	< 0.005	0.02	18.9
Hauling	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	23.4	23.4	< 0.005	< 0.005	0.02	24.5
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	2.79	2.79	< 0.005	< 0.005	0.01	2.83

Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.99	2.99	< 0.005	< 0.005	< 0.005	3.13
Hauling	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.87	3.87	< 0.005	< 0.005	< 0.005	4.05

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	5.40	4.54	43.9	35.4	0.05	2.29	—	2.29	2.11	—	2.11	—	5,181	5,181	0.21	0.04	—	5,199
Dust From Material Movement	—	—	—	—	—	—	5.52	5.52	—	2.67	2.67	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.44	0.37	3.61	2.91	< 0.005	0.19	—	0.19	0.17	—	0.17	—	426	426	0.02	< 0.005	—	427
Dust From Material Movement	—	—	—	—	—	—	0.45	0.45	—	0.22	0.22	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.08	0.07	0.66	0.53	< 0.005	0.03	—	0.03	0.03	—	0.03	—	70.5	70.5	< 0.005	< 0.005	—	70.7
Dust From Material Movement	—	—	—	—	—	—	0.08	0.08	—	0.04	0.04	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.08	0.08	1.36	0.00	0.00	0.01	0.01	0.00	0.00	0.00	—	220	220	0.01	0.01	0.94	224
Vendor	0.01	0.01	0.26	0.08	< 0.005	< 0.005	0.01	0.02	< 0.005	< 0.005	0.01	—	220	220	< 0.005	0.03	0.61	230
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.09	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	16.9	16.9	< 0.005	< 0.005	0.03	17.1
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	18.1	18.1	< 0.005	< 0.005	0.02	18.9
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	2.79	2.79	< 0.005	< 0.005	0.01	2.83
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.99	2.99	< 0.005	< 0.005	< 0.005	3.13
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.4. Site Preparation (2023) - Mitigated

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

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

Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	5.40	4.54	43.9	35.4	0.05	2.29	—	2.29	2.11	—	2.11	—	5,181	5,181	0.21	0.04	—	5,199
Dust From Material Movement	—	—	—	—	—	—	5.52	5.52	—	2.67	2.67	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.44	0.37	3.61	2.91	< 0.005	0.19	—	0.19	0.17	—	0.17	—	426	426	0.02	< 0.005	—	427
Dust From Material Movement	—	—	—	—	—	—	0.45	0.45	—	0.22	0.22	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08	0.07	0.66	0.53	< 0.005	0.03	—	0.03	0.03	—	0.03	—	70.5	70.5	< 0.005	< 0.005	—	70.7
Dust From Material Movement	—	—	—	—	—	—	0.08	0.08	—	0.04	0.04	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.08	0.08	1.36	0.00	0.00	0.01	0.01	0.00	0.00	0.00	—	220	220	0.01	0.01	0.94	224
Vendor	0.01	0.01	0.26	0.08	< 0.005	< 0.005	0.01	0.02	< 0.005	< 0.005	0.01	—	220	220	< 0.005	0.03	0.61	230
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.09	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	16.9	16.9	< 0.005	< 0.005	0.03	17.1
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	18.1	18.1	< 0.005	< 0.005	0.02	18.9
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	2.79	2.79	< 0.005	< 0.005	0.01	2.83
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.99	2.99	< 0.005	< 0.005	< 0.005	3.13
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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	5.00	4.20	40.9	32.7	0.06	1.96	—	1.96	1.80	—	1.80	—	6,715	6,715	0.27	0.05	—	6,738

Dust From Material Movement:	—	—	—	—	—	—	2.67	2.67	—	0.98	0.98	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	5.00	4.20	40.9	32.7	0.06	1.96	—	1.96	1.80	—	1.80	—	6,715	6,715	0.27	0.05	—	6,738
Dust From Material Movement:	—	—	—	—	—	—	2.67	2.67	—	0.98	0.98	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.82	0.69	6.73	5.37	0.01	0.32	—	0.32	0.30	—	0.30	—	1,104	1,104	0.04	0.01	—	1,108
Dust From Material Movement:	—	—	—	—	—	—	0.44	0.44	—	0.16	0.16	—	—	—	—	—	—	—
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	0.15	0.13	1.23	0.98	< 0.005	0.06	—	0.06	0.05	—	0.05	—	183	183	0.01	< 0.005	—	183
Dust From Material Movement:	—	—	—	—	—	—	0.08	0.08	—	0.03	0.03	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.11	0.11	1.81	0.00	0.00	0.02	0.02	0.00	0.00	0.00	—	294	294	0.01	0.01	1.26	298
Vendor	0.02	0.01	0.51	0.16	< 0.005	0.01	0.03	0.03	0.01	0.01	0.02	—	440	440	0.01	0.07	1.22	461
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.10	0.12	1.37	0.00	0.00	0.02	0.02	0.00	0.00	0.00	—	270	270	0.01	0.01	0.03	273
Vendor	0.02	0.01	0.54	0.16	< 0.005	0.01	0.03	0.03	0.01	0.01	0.02	—	440	440	0.01	0.07	0.03	460
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.24	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	44.9	44.9	< 0.005	< 0.005	0.09	45.6
Vendor	< 0.005	< 0.005	0.09	0.03	< 0.005	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	—	72.3	72.3	< 0.005	0.01	0.09	75.6
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	7.44	7.44	< 0.005	< 0.005	0.01	7.55
Vendor	< 0.005	< 0.005	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	12.0	12.0	< 0.005	< 0.005	0.01	12.5
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.6. Grading (2023) - Mitigated

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

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

Off-Road Equipment	5.00	4.20	40.9	32.7	0.06	1.96	—	1.96	1.80	—	1.80	—	6,715	6,715	0.27	0.05	—	6,738
Dust From Material Movement	—	—	—	—	—	—	2.67	2.67	—	0.98	0.98	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	5.00	4.20	40.9	32.7	0.06	1.96	—	1.96	1.80	—	1.80	—	6,715	6,715	0.27	0.05	—	6,738
Dust From Material Movement	—	—	—	—	—	—	2.67	2.67	—	0.98	0.98	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.82	0.69	6.73	5.37	0.01	0.32	—	0.32	0.30	—	0.30	—	1,104	1,104	0.04	0.01	—	1,108
Dust From Material Movement	—	—	—	—	—	—	0.44	0.44	—	0.16	0.16	—	—	—	—	—	—	—
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	0.15	0.13	1.23	0.98	< 0.005	0.06	—	0.06	0.05	—	0.05	—	183	183	0.01	< 0.005	—	183
Dust From Material Movement	—	—	—	—	—	—	0.08	0.08	—	0.03	0.03	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.11	0.11	1.81	0.00	0.00	0.02	0.02	0.00	0.00	0.00	—	294	294	0.01	0.01	1.26	298
Vendor	0.02	0.01	0.51	0.16	< 0.005	0.01	0.03	0.03	0.01	0.01	0.02	—	440	440	0.01	0.07	1.22	461
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.10	0.12	1.37	0.00	0.00	0.02	0.02	0.00	0.00	0.00	—	270	270	0.01	0.01	0.03	273
Vendor	0.02	0.01	0.54	0.16	< 0.005	0.01	0.03	0.03	0.01	0.01	0.02	—	440	440	0.01	0.07	0.03	460
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.24	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	44.9	44.9	< 0.005	< 0.005	0.09	45.6
Vendor	< 0.005	< 0.005	0.09	0.03	< 0.005	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	—	72.3	72.3	< 0.005	0.01	0.09	75.6
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	7.44	7.44	< 0.005	< 0.005	0.01	7.55
Vendor	< 0.005	< 0.005	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	12.0	12.0	< 0.005	< 0.005	0.01	12.5
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.7. Building Construction (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	2.58	2.16	20.1	20.7	0.04	0.91	—	0.91	0.83	—	0.83	—	4,084	4,084	0.17	0.03	—	4,098
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	0.23	0.19	1.81	1.87	< 0.005	0.08	—	0.08	0.07	—	0.07	—	368	368	0.01	< 0.005	—	369
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	0.04	0.04	0.33	0.34	< 0.005	0.01	—	0.01	0.01	—	0.01	—	60.9	60.9	< 0.005	< 0.005	—	61.1
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	1.43	1.30	1.57	17.6	0.00	0.00	0.21	0.21	0.00	0.00	0.00	—	3,458	3,458	0.17	0.13	0.42	3,501
Vendor	0.07	0.04	1.65	0.50	0.01	0.02	0.08	0.10	0.02	0.03	0.05	—	1,351	1,351	0.03	0.20	0.10	1,412
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	0.13	0.12	0.14	1.66	0.00	0.00	0.02	0.02	0.00	0.00	0.00	—	315	315	0.01	0.01	0.63	320
Vendor	0.01	< 0.005	0.15	0.04	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	122	122	< 0.005	0.02	0.15	127
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.03	0.30	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	52.2	52.2	< 0.005	< 0.005	0.10	52.9
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	20.1	20.1	< 0.005	< 0.005	0.02	21.1
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.8. Building Construction (2023) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.58	2.16	20.1	20.7	0.04	0.91	—	0.91	0.83	—	0.83	—	4,084	4,084	0.17	0.03	—	4,098
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	0.23	0.19	1.81	1.87	< 0.005	0.08	—	0.08	0.07	—	0.07	—	368	368	0.01	< 0.005	—	369
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	0.04	0.04	0.33	0.34	< 0.005	0.01	—	0.01	0.01	—	0.01	—	60.9	60.9	< 0.005	< 0.005	—	61.1

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	1.43	1.30	1.57	17.6	0.00	0.00	0.21	0.21	0.00	0.00	0.00	—	3,458	3,458	0.17	0.13	0.42	3,501
Vendor	0.07	0.04	1.65	0.50	0.01	0.02	0.08	0.10	0.02	0.03	0.05	—	1,351	1,351	0.03	0.20	0.10	1,412
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	0.13	0.12	0.14	1.66	0.00	0.00	0.02	0.02	0.00	0.00	0.00	—	315	315	0.01	0.01	0.63	320
Vendor	0.01	< 0.005	0.15	0.04	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	122	122	< 0.005	0.02	0.15	127
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.03	0.30	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	52.2	52.2	< 0.005	< 0.005	0.10	52.9
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	20.1	20.1	< 0.005	< 0.005	0.02	21.1
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

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	2.48	2.07	19.1	20.6	0.04	0.82	—	0.82	0.76	—	0.76	—	4,084	4,084	0.17	0.03	—	4,098
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.48	2.07	19.1	20.6	0.04	0.82	—	0.82	0.76	—	0.76	—	4,084	4,084	0.17	0.03	—	4,098
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.00	0.83	7.72	8.31	0.02	0.33	—	0.33	0.31	—	0.31	—	1,647	1,647	0.07	0.01	—	1,652
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	0.18	0.15	1.41	1.52	< 0.005	0.06	—	0.06	0.06	—	0.06	—	273	273	0.01	< 0.005	—	274
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	1.44	1.31	1.24	21.4	0.00	0.00	0.21	0.21	0.00	0.00	0.00	—	3,688	3,688	0.16	0.13	14.6	3,744
Vendor	0.06	0.04	1.51	0.47	0.01	0.02	0.08	0.10	0.02	0.03	0.05	—	1,335	1,335	0.03	0.20	3.76	1,399
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.37	1.23	1.46	16.2	0.00	0.00	0.21	0.21	0.00	0.00	0.00	—	3,389	3,389	0.16	0.13	0.38	3,431

Vendor	0.06	0.04	1.58	0.48	0.01	0.02	0.08	0.10	0.02	0.03	0.05	—	1,336	1,336	0.03	0.20	0.10	1,397
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	0.55	0.50	0.59	6.86	0.00	0.00	0.08	0.08	0.00	0.00	0.00	—	1,384	1,384	0.06	0.05	2.55	1,403
Vendor	0.02	0.02	0.64	0.19	< 0.005	0.01	0.03	0.04	0.01	0.01	0.02	—	538	538	0.01	0.08	0.65	563
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	0.10	0.09	0.11	1.25	0.00	0.00	0.02	0.02	0.00	0.00	0.00	—	229	229	0.01	0.01	0.42	232
Vendor	< 0.005	< 0.005	0.12	0.04	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	89.1	89.1	< 0.005	0.01	0.11	93.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.10. Building Construction (2024) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.48	2.07	19.1	20.6	0.04	0.82	—	0.82	0.76	—	0.76	—	4,084	4,084	0.17	0.03	—	4,098
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.48	2.07	19.1	20.6	0.04	0.82	—	0.82	0.76	—	0.76	—	4,084	4,084	0.17	0.03	—	4,098
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.00	0.83	7.72	8.31	0.02	0.33	—	0.33	0.31	—	0.31	—	1,647	1,647	0.07	0.01	—	1,652
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	0.18	0.15	1.41	1.52	< 0.005	0.06	—	0.06	0.06	—	0.06	—	273	273	0.01	< 0.005	—	274
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	1.44	1.31	1.24	21.4	0.00	0.00	0.21	0.21	0.00	0.00	0.00	—	3,688	3,688	0.16	0.13	14.6	3,744
Vendor	0.06	0.04	1.51	0.47	0.01	0.02	0.08	0.10	0.02	0.03	0.05	—	1,335	1,335	0.03	0.20	3.76	1,399
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.37	1.23	1.46	16.2	0.00	0.00	0.21	0.21	0.00	0.00	0.00	—	3,389	3,389	0.16	0.13	0.38	3,431
Vendor	0.06	0.04	1.58	0.48	0.01	0.02	0.08	0.10	0.02	0.03	0.05	—	1,336	1,336	0.03	0.20	0.10	1,397
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	0.55	0.50	0.59	6.86	0.00	0.00	0.08	0.08	0.00	0.00	0.00	—	1,384	1,384	0.06	0.05	2.55	1,403
Vendor	0.02	0.02	0.64	0.19	< 0.005	0.01	0.03	0.04	0.01	0.01	0.02	—	538	538	0.01	0.08	0.65	563
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	0.10	0.09	0.11	1.25	0.00	0.00	0.02	0.02	0.00	0.00	0.00	—	229	229	0.01	0.01	0.42	232

Vendor	< 0.005	< 0.005	0.12	0.04	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	89.1	89.1	< 0.005	0.01	0.11	93.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.11. 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	1.01	0.85	7.81	10.0	0.01	0.39	—	0.39	0.36	—	0.36	—	1,512	1,512	0.06	0.01	—	1,517
Paving	—	0.54	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.01	0.85	7.81	10.0	0.01	0.39	—	0.39	0.36	—	0.36	—	1,512	1,512	0.06	0.01	—	1,517
Paving	—	0.54	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.17	0.14	1.28	1.65	< 0.005	0.06	—	0.06	0.06	—	0.06	—	248	248	0.01	< 0.005	—	249
Paving	—	0.09	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.03	0.03	0.23	0.30	< 0.005	0.01	—	0.01	0.01	—	0.01	—	41.1	41.1	< 0.005	< 0.005	—	41.3
Paving	—	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.08	0.07	1.25	0.00	0.00	0.01	0.01	0.00	0.00	0.00	—	216	216	0.01	0.01	0.86	219
Vendor	0.02	0.01	0.49	0.15	< 0.005	0.01	0.03	0.03	0.01	0.01	0.02	—	435	435	0.01	0.07	1.22	456
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	0.08	0.07	0.09	0.95	0.00	0.00	0.01	0.01	0.00	0.00	0.00	—	198	198	0.01	0.01	0.02	201
Vendor	0.02	0.01	0.52	0.16	< 0.005	0.01	0.03	0.03	0.01	0.01	0.02	—	435	435	0.01	0.07	0.03	455
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	0.16	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	33.0	33.0	< 0.005	< 0.005	0.06	33.5
Vendor	< 0.005	< 0.005	0.08	0.03	< 0.005	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	—	71.5	71.5	< 0.005	0.01	0.09	74.8
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	5.47	5.47	< 0.005	< 0.005	0.01	5.55
Vendor	< 0.005	< 0.005	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	11.8	11.8	< 0.005	< 0.005	0.01	12.4
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.12. Paving (2024) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.01	0.85	7.81	10.0	0.01	0.39	—	0.39	0.36	—	0.36	—	1,512	1,512	0.06	0.01	—	1,517
Paving	—	0.54	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.01	0.85	7.81	10.0	0.01	0.39	—	0.39	0.36	—	0.36	—	1,512	1,512	0.06	0.01	—	1,517
Paving	—	0.54	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.17	0.14	1.28	1.65	< 0.005	0.06	—	0.06	0.06	—	0.06	—	248	248	0.01	< 0.005	—	249
Paving	—	0.09	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.03	0.03	0.23	0.30	< 0.005	0.01	—	0.01	0.01	—	0.01	—	41.1	41.1	< 0.005	< 0.005	—	41.3
Paving	—	0.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.08	0.07	1.25	0.00	0.00	0.01	0.01	0.00	0.00	0.00	—	216	216	0.01	0.01	0.86	219
Vendor	0.02	0.01	0.49	0.15	< 0.005	0.01	0.03	0.03	0.01	0.01	0.02	—	435	435	0.01	0.07	1.22	456
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	0.08	0.07	0.09	0.95	0.00	0.00	0.01	0.01	0.00	0.00	0.00	—	198	198	0.01	0.01	0.02	201
Vendor	0.02	0.01	0.52	0.16	< 0.005	0.01	0.03	0.03	0.01	0.01	0.02	—	435	435	0.01	0.07	0.03	455
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	0.16	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	33.0	33.0	< 0.005	< 0.005	0.06	33.5
Vendor	< 0.005	< 0.005	0.08	0.03	< 0.005	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	—	71.5	71.5	< 0.005	0.01	0.09	74.8
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	5.47	5.47	< 0.005	< 0.005	0.01	5.55
Vendor	< 0.005	< 0.005	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	11.8	11.8	< 0.005	< 0.005	0.01	12.4
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.13. 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	0.22	0.18	1.21	1.53	< 0.005	0.04	—	0.04	0.04	—	0.04	—	178	178	0.01	< 0.005	—	179
Architect ural Coatings	—	99.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.22	0.18	1.21	1.53	< 0.005	0.04	—	0.04	0.04	—	0.04	—	178	178	0.01	< 0.005	—	179
Architect ural Coatings	—	99.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.04	0.03	0.20	0.25	< 0.005	0.01	—	0.01	0.01	—	0.01	—	29.3	29.3	< 0.005	< 0.005	—	29.4
Architect ural Coatings	—	16.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.04	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.85	4.85	< 0.005	< 0.005	—	4.86
Architect ural Coatings	—	2.98	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.29	0.26	0.25	4.28	0.00	0.00	0.04	0.04	0.00	0.00	0.00	—	738	738	0.03	0.03	2.93	749
Vendor	0.02	0.01	0.49	0.15	< 0.005	0.01	0.03	0.03	0.01	0.01	0.02	—	435	435	0.01	0.07	1.22	456
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	0.27	0.25	0.29	3.23	0.00	0.00	0.04	0.04	0.00	0.00	0.00	—	678	678	0.03	0.03	0.08	686
Vendor	0.02	0.01	0.52	0.16	< 0.005	0.01	0.03	0.03	0.01	0.01	0.02	—	435	435	0.01	0.07	0.03	455
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.05	0.56	0.00	0.00	0.01	0.01	0.00	0.00	0.00	—	113	113	0.01	< 0.005	0.21	114
Vendor	< 0.005	< 0.005	0.08	0.03	< 0.005	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	—	71.5	71.5	< 0.005	0.01	0.09	74.8
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.10	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	18.7	18.7	< 0.005	< 0.005	0.03	18.9
Vendor	< 0.005	< 0.005	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	11.8	11.8	< 0.005	< 0.005	0.01	12.4
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.14. Architectural Coating (2024) - Mitigated

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

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

Off-Road Equipment	0.22	0.18	1.21	1.53	< 0.005	0.04	—	0.04	0.04	—	0.04	—	178	178	0.01	< 0.005	—	179
Architect ural Coatings	—	50.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.22	0.18	1.21	1.53	< 0.005	0.04	—	0.04	0.04	—	0.04	—	178	178	0.01	< 0.005	—	179
Architect ural Coatings	—	50.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.03	0.20	0.25	< 0.005	0.01	—	0.01	0.01	—	0.01	—	29.3	29.3	< 0.005	< 0.005	—	29.4
Architect ural Coatings	—	8.36	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.04	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.85	4.85	< 0.005	< 0.005	—	4.86
Architect ural Coatings	—	1.53	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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	0.29	0.26	0.25	4.28	0.00	0.00	0.04	0.04	0.00	0.00	0.00	—	738	738	0.03	0.03	2.93	749
Vendor	0.02	0.01	0.49	0.15	< 0.005	0.01	0.03	0.03	0.01	0.01	0.02	—	435	435	0.01	0.07	1.22	456
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	0.27	0.25	0.29	3.23	0.00	0.00	0.04	0.04	0.00	0.00	0.00	—	678	678	0.03	0.03	0.08	686
Vendor	0.02	0.01	0.52	0.16	< 0.005	0.01	0.03	0.03	0.01	0.01	0.02	—	435	435	0.01	0.07	0.03	455
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.05	0.56	0.00	0.00	0.01	0.01	0.00	0.00	0.00	—	113	113	0.01	< 0.005	0.21	114
Vendor	< 0.005	< 0.005	0.08	0.03	< 0.005	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	—	71.5	71.5	< 0.005	0.01	0.09	74.8
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.10	0.00	0.00	< 0.005	< 0.005	0.00	0.00	0.00	—	18.7	18.7	< 0.005	< 0.005	0.03	18.9
Vendor	< 0.005	< 0.005	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	11.8	11.8	< 0.005	< 0.005	0.01	12.4
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

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

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

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

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

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

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

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

Remove d	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

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

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

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

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

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

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

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

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

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

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

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Demolition	Demolition	6/1/2023	7/12/2023	5.00	30.0	—
Site Preparation	Site Preparation	7/13/2023	8/23/2023	5.00	30.0	—
Grading	Grading	8/24/2023	11/15/2023	5.00	60.0	—
Building Construction	Building Construction	11/16/2023	7/24/2024	5.00	180	—
Paving	Paving	7/25/2024	10/16/2024	5.00	60.0	—
Architectural Coating	Architectural Coating	7/25/2024	10/16/2024	5.00	60.0	—

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

5.2.2. Mitigated

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

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

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition	—	—	—	—
Demolition	Worker	15.0	18.5	LDA,LDT1,LDT2
Demolition	Vendor	7.00	10.2	HHDT,MHDT
Demolition	Hauling	4.00	20.0	HHDT
Demolition	Onsite truck	—	—	HHDT
Site Preparation	—	—	—	—

Site Preparation	Worker	15.0	18.5	LDA,LDT1,LDT2
Site Preparation	Vendor	7.00	10.2	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	20.0	18.5	LDA,LDT1,LDT2
Grading	Vendor	14.0	10.2	HHDT,MHDT
Grading	Hauling	0.00	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	256	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	43.0	10.2	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	15.0	18.5	LDA,LDT1,LDT2
Paving	Vendor	14.0	10.2	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	51.2	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	14.0	10.2	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.3.2. Mitigated

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

Demolition	—	—	—	—
Demolition	Worker	15.0	18.5	LDA,LDT1,LDT2
Demolition	Vendor	7.00	10.2	HHDT,MHDT
Demolition	Hauling	4.00	20.0	HHDT
Demolition	Onsite truck	—	—	HHDT
Site Preparation	—	—	—	—
Site Preparation	Worker	15.0	18.5	LDA,LDT1,LDT2
Site Preparation	Vendor	7.00	10.2	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	20.0	18.5	LDA,LDT1,LDT2
Grading	Vendor	14.0	10.2	HHDT,MHDT
Grading	Hauling	0.00	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	256	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	43.0	10.2	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	15.0	18.5	LDA,LDT1,LDT2
Paving	Vendor	14.0	10.2	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	51.2	18.5	LDA,LDT1,LDT2

Architectural Coating	Vendor	14.0	10.2	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	0.00	0.00	939,110	313,037	32,147

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Ton of Debris)	Material Exported (Ton of Debris)	Acres Graded (acres)	Material Demolished (Ton of Debris)	Acres Paved (acres)
Demolition	0.00	0.00	0.00	138,164	—
Site Preparation	0.00	0.00	150	0.00	—
Grading	0.00	0.00	300	0.00	—
Paving	0.00	0.00	0.00	0.00	12.3

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
Refrigerated Warehouse-No Rail	0.00	0%
Unrefrigerated Warehouse-No Rail	0.00	0%
Other Asphalt Surfaces	12.3	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

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

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

5.18.2.2. Mitigated

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

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

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

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	31.4	annual days of extreme heat
Extreme Precipitation	5.35	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	24.3	annual hectares burned

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

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

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

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

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	4	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack	N/A	N/A	N/A	N/A
Air Quality	0	0	0	N/A

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

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

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

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	4	1	1	4
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack	N/A	N/A	N/A	N/A

Air Quality	1	1	1	2

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

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

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

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

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

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	99.1
AQ-PM	47.8
AQ-DPM	30.5
Drinking Water	55.1
Lead Risk Housing	23.3
Pesticides	37.0
Toxic Releases	42.0
Traffic	32.3
Effect Indicators	—
CleanUp Sites	70.2
Groundwater	57.0
Haz Waste Facilities/Generators	69.4
Impaired Water Bodies	12.5
Solid Waste	97.2

Sensitive Population	—
Asthma	60.2
Cardio-vascular	87.3
Low Birth Weights	80.3
Socioeconomic Factor Indicators	—
Education	43.4
Housing	43.9
Linguistic	15.6
Poverty	41.7
Unemployment	68.4

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	54.6002823
Employed	72.89875529
Education	—
Bachelor's or higher	47.5426665
High school enrollment	100
Preschool enrollment	49.90375978
Transportation	—
Auto Access	52.9449506
Active commuting	1.039394328
Social	—
2-parent households	88.81047094
Voting	61.97869883

Neighborhood	—
Alcohol availability	92.22379058
Park access	41.79391762
Retail density	2.617733864
Supermarket access	12.53689208
Tree canopy	5.299627871
Housing	—
Homeownership	86.71885025
Housing habitability	81.89400744
Low-inc homeowner severe housing cost burden	32.58052098
Low-inc renter severe housing cost burden	74.33594251
Uncrowded housing	67.80443988
Health Outcomes	—
Insured adults	60.00256641
Arthritis	0.0
Asthma ER Admissions	38.0
High Blood Pressure	0.0
Cancer (excluding skin)	0.0
Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	44.5
Cognitively Disabled	22.1
Physically Disabled	22.7
Heart Attack ER Admissions	4.6
Mental Health Not Good	0.0

Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	19.6
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	13.4
SLR Inundation Area	0.0
Children	0.7
Elderly	81.9
English Speaking	89.2
Foreign-born	20.9
Outdoor Workers	25.9
Climate Change Adaptive Capacity	—
Impervious Surface Cover	84.7
Traffic Density	32.2
Traffic Access	23.0
Other Indices	—
Hardship	47.1
Other Decision Support	—
2016 Voting	65.5

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	73.0
Healthy Places Index Score for Project Location (b)	60.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

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

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

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health and Equity Evaluation Scorecard not completed.

8. User Changes to Default Data

Screen	Justification
Construction: Construction Phases	Construction anticipated to begin in June 2023 and be completed in October 2024
Construction: Off-Road Equipment	Equipment based on information provided by the Project team
Construction: Dust From Material Movement	Assumes 5 acres will be graded per day
Construction: Trips and VMT	Vendor Trips adjusted based on CalEEMod defaults for Building Construction and number of days for Demolition/Crushing, Site Preparation, Grading, Building Construction, and Paving

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APPENDIX 2.2:

EMFAC EMISSIONS SUMMARY

Emissions	Phase	Lb/Day	# Days	Emissions	Avg/Lb Day	Avg/Hourly	
On-Site	Demolition	1.20	30	36	1.2	0.15	
Exhaust PM-10	Site Preparation	2.29	30	68.7	2.29	0.28625	
	Grading	1.96	60	117.6	1.96	0.245	
	Building Construction	0.87	180	155.7	0.865	0.108125	
	Architectural Coatings	0.04	60	2.4	0.04	0.005	
	Paving	0.39	60	23.4	0.39	0.04875	
		6.75	360	403.8	1.121666667	0.140208333	Modeled Emission Rate (lb/hr) 0.140208
Off-Site	Demolition	1.50E-02	30	0.45	0.015	0.001875	
Exhaust PM-10	Site Preparation	5.00E-03	30	0.15	0.005	0.000625	
	Grading	1.00E-02	60	0.6	0.01	0.00125	
	Building Construction	2.00E-02	180	3.6	0.02	0.0025	
	Architectural Coatings	1.00E-02	60	0.6	0.01	0.00125	
	Paving	1.00E-02	60	0.6	0.01	0.00125	Modeled Emission Rate (lb/hr) SR-60 (W) I-10 (E) 0.001042 0.001042
		0.07	360	6	0.016666667	0.002083333	

	Phase	Start Date	End Date	No. Days
	Demolition	6/1/2023	7/12/2023	30
	Site Preparation	7/13/2023	8/23/2023	30
	Grading	8/24/2023	11/15/2023	60
	Building Construction	11/16/2023	7/24/2024	180
	Paving	7/25/2024	10/16/2024	60
	Arch Coatings	7/25/2024	10/16/2024	60
Total Days of Construction				360

**AVERAGE EMISSION FACTOR
RIVERSIDE COUNTY 2024**

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

Speed	Weighted Average Emissions
0	0.07770
5	0.02093
25	0.00933

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 - East	65			0.0777	3.99	4.624E-05
On-Site Idling - West	65			0.0777	3.99	4.624E-05
On-Site Travel	258	197.51	0.0209		7.49	8.671E-05
Off-Site Travel - Nicholas Road 65% Inbound/Outbound	168	42.67	0.0093		0.54	6.289E-06
Off-Site Travel - 4th Street 70% Inbound/Outbound	181	63.71	0.0093		0.81	9.389E-06
Off-Site Travel - 4th Street 35% Inbound/Outbound	90	21.96	0.0093		0.28	3.237E-06
Off-Site Travel - Veile Avenue 35% Inbound/Outbound	90	36.29	0.0093		0.46	5.349E-06
Off-Site Travel - Distribution Way 35% Inbound/Outbound	90	24.54	0.0093		0.31	3.616E-06
Off-Site Travel - 4th Street 20% Inbound/Outbound	52	14.60	0.0093		0.19	2.151E-06
Off-Site Travel - 4th Street 30% Inbound/Outbound	77	108.54	0.0093		1.38	1.600E-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 and each TRU operates for 30 minutes.

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

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

Region	Calendar `	Vehicle C¿	Model Ye¿	Speed	Fuel	Population
Riverside	2024	HHDT	Aggregate	Aggregate	Gasoline	7.58948
Riverside	2024	HHDT	Aggregate	Aggregate	Diesel	14792
Riverside	2024	HHDT	Aggregate	Aggregate	Natural G¿	740.071
Riverside	2024	LHDT1	Aggregate	Aggregate	Gasoline	17828.7
Riverside	2024	LHDT1	Aggregate	Aggregate	Diesel	15247.6
Riverside	2024	LHDT2	Aggregate	Aggregate	Gasoline	2494.68
Riverside	2024	LHDT2	Aggregate	Aggregate	Diesel	6844.93
Riverside	2024	MHDT	Aggregate	Aggregate	Gasoline	1238
Riverside	2024	MHDT	Aggregate	Aggregate	Diesel	12954.4
Riverside	2024	MHDT	Aggregate	Aggregate	Natural G¿	158.047
		HHDT% GAS/NG		0.04811		
		HHDT% DSL		0.95189		
		LHDT1% GAS		0.53902		
		LHDT1% DSL		0.46098		
		LHDT2% GAS		0.26711		
		LHDT2% DSL		0.73289		
		MHDT% GAS		0.08723		
		MHDT% DSL		0.91277		

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APPENDIX 2.3:
AERMOD MODEL INPUT/OUTPUT

```

**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 10.2.1
** Lakes Environmental Software Inc.
** Date: 9/8/2022
** File: C:\Users\Michael Tirohn\Desktop\HRAs\14410 Orchard Logistics\14410 Construction\14410
Construction.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont Dowling\14410 Op
  MODELOPT DFAULT CONC
  AVERTIME ANNUAL
  URBANOPT 2189641
  POLLUTID DPM
  FLAGPOLE 0.00
  RUNORNOT RUN
  ERRORFIL "14410 Construction.err"
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE3
** DESCRSRC Nicholas 100%
** PREFIX
** Length of Side = 7.59
** Configuration = Adjacent
** Emission Rate = 0.0002624955
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 500497.479, 3754384.317, 779.57, 3.49, 3.53
** 500503.497, 3753994.848, 776.83, 3.49, 3.53
** -----
  LOCATION L0002535      VOLUME  500497.538 3754380.523 779.43
  LOCATION L0002536      VOLUME  500497.655 3754372.934 779.20
  LOCATION L0002537      VOLUME  500497.772 3754365.344 779.00
  LOCATION L0002538      VOLUME  500497.890 3754357.755 779.00
  LOCATION L0002539      VOLUME  500498.007 3754350.166 779.00
  LOCATION L0002540      VOLUME  500498.124 3754342.577 779.00
  LOCATION L0002541      VOLUME  500498.241 3754334.988 779.00
  LOCATION L0002542      VOLUME  500498.359 3754327.399 778.98
  LOCATION L0002543      VOLUME  500498.476 3754319.810 778.96
  LOCATION L0002544      VOLUME  500498.593 3754312.221 778.94
  LOCATION L0002545      VOLUME  500498.710 3754304.632 778.93
  LOCATION L0002546      VOLUME  500498.828 3754297.043 778.94
  LOCATION L0002547      VOLUME  500498.945 3754289.453 778.94
  LOCATION L0002548      VOLUME  500499.062 3754281.864 778.95
  LOCATION L0002549      VOLUME  500499.180 3754274.275 778.95

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LOCATION	L0002550	VOLUME	500499.297	3754266.686	778.97
LOCATION	L0002551	VOLUME	500499.414	3754259.097	778.98
LOCATION	L0002552	VOLUME	500499.531	3754251.508	778.99
LOCATION	L0002553	VOLUME	500499.649	3754243.919	779.00
LOCATION	L0002554	VOLUME	500499.766	3754236.330	778.99
LOCATION	L0002555	VOLUME	500499.883	3754228.741	778.98
LOCATION	L0002556	VOLUME	500500.000	3754221.152	778.98
LOCATION	L0002557	VOLUME	500500.118	3754213.563	778.98
LOCATION	L0002558	VOLUME	500500.235	3754205.973	778.99
LOCATION	L0002559	VOLUME	500500.352	3754198.384	779.00
LOCATION	L0002560	VOLUME	500500.469	3754190.795	779.00
LOCATION	L0002561	VOLUME	500500.587	3754183.206	779.00
LOCATION	L0002562	VOLUME	500500.704	3754175.617	779.00
LOCATION	L0002563	VOLUME	500500.821	3754168.028	779.00
LOCATION	L0002564	VOLUME	500500.939	3754160.439	779.01
LOCATION	L0002565	VOLUME	500501.056	3754152.850	779.01
LOCATION	L0002566	VOLUME	500501.173	3754145.261	779.01
LOCATION	L0002567	VOLUME	500501.290	3754137.672	779.01
LOCATION	L0002568	VOLUME	500501.408	3754130.083	779.00
LOCATION	L0002569	VOLUME	500501.525	3754122.493	779.00
LOCATION	L0002570	VOLUME	500501.642	3754114.904	779.01
LOCATION	L0002571	VOLUME	500501.759	3754107.315	779.02
LOCATION	L0002572	VOLUME	500501.877	3754099.726	779.04
LOCATION	L0002573	VOLUME	500501.994	3754092.137	779.04
LOCATION	L0002574	VOLUME	500502.111	3754084.548	779.05
LOCATION	L0002575	VOLUME	500502.229	3754076.959	779.05
LOCATION	L0002576	VOLUME	500502.346	3754069.370	779.06
LOCATION	L0002577	VOLUME	500502.463	3754061.781	779.06
LOCATION	L0002578	VOLUME	500502.580	3754054.192	779.06
LOCATION	L0002579	VOLUME	500502.698	3754046.602	779.07
LOCATION	L0002580	VOLUME	500502.815	3754039.013	779.07
LOCATION	L0002581	VOLUME	500502.932	3754031.424	778.77
LOCATION	L0002582	VOLUME	500503.049	3754023.835	778.29
LOCATION	L0002583	VOLUME	500503.167	3754016.246	777.81
LOCATION	L0002584	VOLUME	500503.284	3754008.657	777.34
LOCATION	L0002585	VOLUME	500503.401	3754001.068	777.01

** End of LINE VOLUME Source ID = SLINE3

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE4

** DESCRSRC Offsite W

** PREFIX

** Length of Side = 14.00

** Configuration = Adjacent

** Emission Rate = 0.0001312478

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 19

** 500504.023, 3753982.952, 776.10, 3.49, 6.51

** 500060.883, 3753993.912, 774.15, 3.49, 6.51

** 499886.115, 3753993.320, 763.20, 3.49, 6.51

** 499835.759, 3753996.578, 763.77, 3.49, 6.51

** 499785.698, 3754005.761, 759.10, 3.49, 6.51

** 499551.983, 3754093.737, 755.23, 3.49, 6.51

** 499503.996, 3754104.993, 752.92, 3.49, 6.51

** 499477.041, 3754107.659, 750.83, 3.49, 6.51

** 499289.239, 3754104.105, 747.87, 3.49, 6.51

** 499049.304, 3754098.180, 746.58, 3.49, 6.51

** 498973.473, 3754107.067, 743.93, 3.49, 6.51

** 498899.419, 3754127.506, 744.87, 3.49, 6.51

** 498777.378, 3754192.970, 743.86, 3.49, 6.51

** 498663.334, 3754230.589, 744.37, 3.49, 6.51

** 498614.162, 3754237.402, 740.48, 3.49, 6.51

** 498461.907, 3754236.217, 731.82, 3.49, 6.51

** 498454.206, 3754506.663, 731.64, 3.49, 6.51

** 498447.689, 3754722.901, 742.40, 3.49, 6.51

** 498447.689, 3754855.309, 741.93, 3.49, 6.51

**

LOCATION	L0002586	VOLUME	500497.025	3753983.125	776.21
LOCATION	L0002587	VOLUME	500483.029	3753983.472	776.10
LOCATION	L0002588	VOLUME	500469.033	3753983.818	775.95
LOCATION	L0002589	VOLUME	500455.038	3753984.164	775.48
LOCATION	L0002590	VOLUME	500441.042	3753984.510	775.01
LOCATION	L0002591	VOLUME	500427.046	3753984.856	774.55
LOCATION	L0002592	VOLUME	500413.050	3753985.202	774.08
LOCATION	L0002593	VOLUME	500399.055	3753985.548	773.47
LOCATION	L0002594	VOLUME	500385.059	3753985.895	772.85
LOCATION	L0002595	VOLUME	500371.063	3753986.241	771.93
LOCATION	L0002596	VOLUME	500357.068	3753986.587	770.89
LOCATION	L0002597	VOLUME	500343.072	3753986.933	770.19
LOCATION	L0002598	VOLUME	500329.076	3753987.279	769.77
LOCATION	L0002599	VOLUME	500315.080	3753987.625	769.65
LOCATION	L0002600	VOLUME	500301.085	3753987.972	769.98
LOCATION	L0002601	VOLUME	500287.089	3753988.318	770.22
LOCATION	L0002602	VOLUME	500273.093	3753988.664	770.26
LOCATION	L0002603	VOLUME	500259.098	3753989.010	770.26
LOCATION	L0002604	VOLUME	500245.102	3753989.356	770.03
LOCATION	L0002605	VOLUME	500231.106	3753989.702	769.82
LOCATION	L0002606	VOLUME	500217.110	3753990.048	771.28
LOCATION	L0002607	VOLUME	500203.115	3753990.395	772.75
LOCATION	L0002608	VOLUME	500189.119	3753990.741	773.57
LOCATION	L0002609	VOLUME	500175.123	3753991.087	774.28
LOCATION	L0002610	VOLUME	500161.127	3753991.433	774.67
LOCATION	L0002611	VOLUME	500147.132	3753991.779	774.90
LOCATION	L0002612	VOLUME	500133.136	3753992.125	775.13
LOCATION	L0002613	VOLUME	500119.140	3753992.471	775.39
LOCATION	L0002614	VOLUME	500105.145	3753992.818	775.45
LOCATION	L0002615	VOLUME	500091.149	3753993.164	775.20
LOCATION	L0002616	VOLUME	500077.153	3753993.510	774.88
LOCATION	L0002617	VOLUME	500063.157	3753993.856	774.42
LOCATION	L0002618	VOLUME	500049.158	3753993.873	773.93
LOCATION	L0002619	VOLUME	500035.158	3753993.825	773.27
LOCATION	L0002620	VOLUME	500021.158	3753993.778	772.61
LOCATION	L0002621	VOLUME	500007.158	3753993.730	771.24
LOCATION	L0002622	VOLUME	499993.159	3753993.683	769.84
LOCATION	L0002623	VOLUME	499979.159	3753993.635	768.59
LOCATION	L0002624	VOLUME	499965.159	3753993.588	767.39
LOCATION	L0002625	VOLUME	499951.159	3753993.540	766.10
LOCATION	L0002626	VOLUME	499937.159	3753993.493	764.77
LOCATION	L0002627	VOLUME	499923.159	3753993.445	764.16
LOCATION	L0002628	VOLUME	499909.159	3753993.398	763.15
LOCATION	L0002629	VOLUME	499895.159	3753993.351	763.07
LOCATION	L0002630	VOLUME	499881.169	3753993.640	762.90
LOCATION	L0002631	VOLUME	499867.199	3753994.544	762.87
LOCATION	L0002632	VOLUME	499853.228	3753995.448	763.10
LOCATION	L0002633	VOLUME	499839.257	3753996.352	763.36
LOCATION	L0002634	VOLUME	499825.437	3753998.472	763.60
LOCATION	L0002635	VOLUME	499811.666	3754000.998	763.98
LOCATION	L0002636	VOLUME	499797.896	3754003.523	762.08
LOCATION	L0002637	VOLUME	499784.202	3754006.324	759.69
LOCATION	L0002638	VOLUME	499771.100	3754011.256	757.00
LOCATION	L0002639	VOLUME	499757.997	3754016.188	754.72
LOCATION	L0002640	VOLUME	499744.895	3754021.120	752.92
LOCATION	L0002641	VOLUME	499731.792	3754026.052	751.66
LOCATION	L0002642	VOLUME	499718.690	3754030.985	750.69
LOCATION	L0002643	VOLUME	499705.587	3754035.917	749.99
LOCATION	L0002644	VOLUME	499692.485	3754040.849	749.58
LOCATION	L0002645	VOLUME	499679.383	3754045.781	749.59
LOCATION	L0002646	VOLUME	499666.280	3754050.713	749.65
LOCATION	L0002647	VOLUME	499653.178	3754055.645	749.79
LOCATION	L0002648	VOLUME	499640.075	3754060.577	749.89
LOCATION	L0002649	VOLUME	499626.973	3754065.509	749.84

LOCATION	L0002650	VOLUME	499613.870	3754070.441	749.89
LOCATION	L0002651	VOLUME	499600.768	3754075.374	750.23
LOCATION	L0002652	VOLUME	499587.665	3754080.306	752.01
LOCATION	L0002653	VOLUME	499574.563	3754085.238	753.36
LOCATION	L0002654	VOLUME	499561.460	3754090.170	754.41
LOCATION	L0002655	VOLUME	499548.212	3754094.622	755.45
LOCATION	L0002656	VOLUME	499534.582	3754097.819	755.39
LOCATION	L0002657	VOLUME	499520.952	3754101.016	754.03
LOCATION	L0002658	VOLUME	499507.322	3754104.213	752.81
LOCATION	L0002659	VOLUME	499493.463	3754106.035	752.04
LOCATION	L0002660	VOLUME	499479.531	3754107.413	751.30
LOCATION	L0002661	VOLUME	499465.546	3754107.442	750.37
LOCATION	L0002662	VOLUME	499451.548	3754107.177	749.43
LOCATION	L0002663	VOLUME	499437.551	3754106.912	747.58
LOCATION	L0002664	VOLUME	499423.553	3754106.647	745.69
LOCATION	L0002665	VOLUME	499409.556	3754106.382	744.46
LOCATION	L0002666	VOLUME	499395.558	3754106.117	743.38
LOCATION	L0002667	VOLUME	499381.561	3754105.852	743.29
LOCATION	L0002668	VOLUME	499367.563	3754105.587	743.73
LOCATION	L0002669	VOLUME	499353.566	3754105.322	744.82
LOCATION	L0002670	VOLUME	499339.568	3754105.057	746.55
LOCATION	L0002671	VOLUME	499325.571	3754104.792	748.30
LOCATION	L0002672	VOLUME	499311.573	3754104.528	750.16
LOCATION	L0002673	VOLUME	499297.576	3754104.263	751.20
LOCATION	L0002674	VOLUME	499283.579	3754103.965	749.17
LOCATION	L0002675	VOLUME	499269.583	3754103.619	747.21
LOCATION	L0002676	VOLUME	499255.588	3754103.274	746.62
LOCATION	L0002677	VOLUME	499241.592	3754102.928	745.98
LOCATION	L0002678	VOLUME	499227.596	3754102.583	744.86
LOCATION	L0002679	VOLUME	499213.600	3754102.237	743.81
LOCATION	L0002680	VOLUME	499199.605	3754101.892	744.08
LOCATION	L0002681	VOLUME	499185.609	3754101.546	744.68
LOCATION	L0002682	VOLUME	499171.613	3754101.200	744.95
LOCATION	L0002683	VOLUME	499157.617	3754100.855	745.03
LOCATION	L0002684	VOLUME	499143.622	3754100.509	745.39
LOCATION	L0002685	VOLUME	499129.626	3754100.164	746.06
LOCATION	L0002686	VOLUME	499115.630	3754099.818	746.32
LOCATION	L0002687	VOLUME	499101.634	3754099.473	745.81
LOCATION	L0002688	VOLUME	499087.639	3754099.127	745.59
LOCATION	L0002689	VOLUME	499073.643	3754098.781	746.44
LOCATION	L0002690	VOLUME	499059.647	3754098.436	747.19
LOCATION	L0002691	VOLUME	499045.675	3754098.606	746.71
LOCATION	L0002692	VOLUME	499031.770	3754100.235	746.32
LOCATION	L0002693	VOLUME	499017.866	3754101.865	745.96
LOCATION	L0002694	VOLUME	499003.961	3754103.494	745.60
LOCATION	L0002695	VOLUME	498990.056	3754105.124	745.25
LOCATION	L0002696	VOLUME	498976.151	3754106.753	744.89
LOCATION	L0002697	VOLUME	498962.577	3754110.074	744.66
LOCATION	L0002698	VOLUME	498949.081	3754113.799	744.46
LOCATION	L0002699	VOLUME	498935.586	3754117.524	744.43
LOCATION	L0002700	VOLUME	498922.090	3754121.249	744.67
LOCATION	L0002701	VOLUME	498908.595	3754124.973	744.92
LOCATION	L0002702	VOLUME	498895.470	3754129.624	744.94
LOCATION	L0002703	VOLUME	498883.133	3754136.242	744.69
LOCATION	L0002704	VOLUME	498870.796	3754142.859	744.44
LOCATION	L0002705	VOLUME	498858.459	3754149.477	744.22
LOCATION	L0002706	VOLUME	498846.122	3754156.095	744.00
LOCATION	L0002707	VOLUME	498833.785	3754162.713	744.00
LOCATION	L0002708	VOLUME	498821.447	3754169.330	744.00
LOCATION	L0002709	VOLUME	498809.110	3754175.948	743.74
LOCATION	L0002710	VOLUME	498796.773	3754182.566	743.81
LOCATION	L0002711	VOLUME	498784.436	3754189.184	744.18
LOCATION	L0002712	VOLUME	498771.689	3754194.846	744.40
LOCATION	L0002713	VOLUME	498758.393	3754199.232	744.44
LOCATION	L0002714	VOLUME	498745.098	3754203.618	744.58
LOCATION	L0002715	VOLUME	498731.803	3754208.003	744.73

LOCATION	L0002716	VOLUME	498718.507	3754212.389	744.82
LOCATION	L0002717	VOLUME	498705.212	3754216.775	745.00
LOCATION	L0002718	VOLUME	498691.917	3754221.161	744.76
LOCATION	L0002719	VOLUME	498678.622	3754225.546	744.50
LOCATION	L0002720	VOLUME	498665.326	3754229.932	744.38
LOCATION	L0002721	VOLUME	498651.544	3754232.223	744.20
LOCATION	L0002722	VOLUME	498637.677	3754234.144	743.73
LOCATION	L0002723	VOLUME	498623.809	3754236.066	742.32
LOCATION	L0002724	VOLUME	498609.902	3754237.369	740.72
LOCATION	L0002725	VOLUME	498595.902	3754237.260	737.55
LOCATION	L0002726	VOLUME	498581.903	3754237.151	734.39
LOCATION	L0002727	VOLUME	498567.903	3754237.042	733.32
LOCATION	L0002728	VOLUME	498553.903	3754236.933	732.44
LOCATION	L0002729	VOLUME	498539.904	3754236.824	732.02
LOCATION	L0002730	VOLUME	498525.904	3754236.715	731.74
LOCATION	L0002731	VOLUME	498511.905	3754236.606	731.54
LOCATION	L0002732	VOLUME	498497.905	3754236.497	731.40
LOCATION	L0002733	VOLUME	498483.905	3754236.388	731.40
LOCATION	L0002734	VOLUME	498469.906	3754236.280	731.56
LOCATION	L0002735	VOLUME	498461.736	3754242.216	731.84
LOCATION	L0002736	VOLUME	498461.338	3754256.210	733.97
LOCATION	L0002737	VOLUME	498460.939	3754270.205	736.78
LOCATION	L0002738	VOLUME	498460.541	3754284.199	738.80
LOCATION	L0002739	VOLUME	498460.142	3754298.193	740.18
LOCATION	L0002740	VOLUME	498459.744	3754312.188	741.37
LOCATION	L0002741	VOLUME	498459.345	3754326.182	742.29
LOCATION	L0002742	VOLUME	498458.947	3754340.176	743.21
LOCATION	L0002743	VOLUME	498458.548	3754354.171	744.09
LOCATION	L0002744	VOLUME	498458.150	3754368.165	744.57
LOCATION	L0002745	VOLUME	498457.751	3754382.159	742.73
LOCATION	L0002746	VOLUME	498457.353	3754396.154	740.89
LOCATION	L0002747	VOLUME	498456.954	3754410.148	738.96
LOCATION	L0002748	VOLUME	498456.556	3754424.142	737.01
LOCATION	L0002749	VOLUME	498456.157	3754438.136	735.16
LOCATION	L0002750	VOLUME	498455.759	3754452.131	733.35
LOCATION	L0002751	VOLUME	498455.360	3754466.125	732.22
LOCATION	L0002752	VOLUME	498454.961	3754480.119	731.36
LOCATION	L0002753	VOLUME	498454.563	3754494.114	731.21
LOCATION	L0002754	VOLUME	498454.162	3754508.108	731.57
LOCATION	L0002755	VOLUME	498453.740	3754522.102	732.56
LOCATION	L0002756	VOLUME	498453.319	3754536.095	734.42
LOCATION	L0002757	VOLUME	498452.897	3754550.089	736.30
LOCATION	L0002758	VOLUME	498452.475	3754564.083	738.28
LOCATION	L0002759	VOLUME	498452.053	3754578.076	740.21
LOCATION	L0002760	VOLUME	498451.632	3754592.070	741.75
LOCATION	L0002761	VOLUME	498451.210	3754606.064	743.30
LOCATION	L0002762	VOLUME	498450.788	3754620.057	743.64
LOCATION	L0002763	VOLUME	498450.366	3754634.051	743.95
LOCATION	L0002764	VOLUME	498449.945	3754648.045	743.86
LOCATION	L0002765	VOLUME	498449.523	3754662.038	743.68
LOCATION	L0002766	VOLUME	498449.101	3754676.032	742.96
LOCATION	L0002767	VOLUME	498448.680	3754690.025	742.01
LOCATION	L0002768	VOLUME	498448.258	3754704.019	741.85
LOCATION	L0002769	VOLUME	498447.836	3754718.013	742.30
LOCATION	L0002770	VOLUME	498447.689	3754732.011	742.57
LOCATION	L0002771	VOLUME	498447.689	3754746.011	742.57
LOCATION	L0002772	VOLUME	498447.689	3754760.011	742.51
LOCATION	L0002773	VOLUME	498447.689	3754774.011	742.31
LOCATION	L0002774	VOLUME	498447.689	3754788.011	742.10
LOCATION	L0002775	VOLUME	498447.689	3754802.011	741.84
LOCATION	L0002776	VOLUME	498447.689	3754816.011	741.57
LOCATION	L0002777	VOLUME	498447.689	3754830.011	741.77
LOCATION	L0002778	VOLUME	498447.689	3754844.011	741.97

** End of LINE VOLUME Source ID = SLINE4

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE5
** DESCRSRC Offsite E
** PREFIX
** Length of Side = 14.00
** Configuration = Adjacent
** Emission Rate = 0.0001312478
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 8

** 500507.147, 3753983.698, 776.23, 3.49, 6.51
** 500849.094, 3753969.348, 776.73, 3.49, 6.51
** 500929.046, 3753975.908, 779.89, 3.49, 6.51
** 501083.619, 3753980.418, 780.00, 3.49, 6.51
** 501081.569, 3754150.571, 779.00, 3.49, 6.51
** 501096.330, 3754202.233, 779.00, 3.49, 6.51
** 501269.353, 3754488.009, 782.00, 3.49, 6.51
** 501319.374, 3754572.060, 783.95, 3.49, 6.51

LOCATION L0002779 VOLUME 500514.141 3753983.404 777.14
LOCATION L0002780 VOLUME 500528.129 3753982.817 778.05
LOCATION L0002781 VOLUME 500542.116 3753982.230 778.59
LOCATION L0002782 VOLUME 500556.104 3753981.643 779.03
LOCATION L0002783 VOLUME 500570.092 3753981.056 779.17
LOCATION L0002784 VOLUME 500584.079 3753980.469 779.15
LOCATION L0002785 VOLUME 500598.067 3753979.882 779.34
LOCATION L0002786 VOLUME 500612.055 3753979.295 779.74
LOCATION L0002787 VOLUME 500626.042 3753978.708 780.02
LOCATION L0002788 VOLUME 500640.030 3753978.121 780.04
LOCATION L0002789 VOLUME 500654.018 3753977.534 780.15
LOCATION L0002790 VOLUME 500668.005 3753976.947 780.59
LOCATION L0002791 VOLUME 500681.993 3753976.360 780.91
LOCATION L0002792 VOLUME 500695.981 3753975.773 779.97
LOCATION L0002793 VOLUME 500709.969 3753975.186 779.02
LOCATION L0002794 VOLUME 500723.956 3753974.599 778.49
LOCATION L0002795 VOLUME 500737.944 3753974.012 777.96
LOCATION L0002796 VOLUME 500751.932 3753973.425 777.45
LOCATION L0002797 VOLUME 500765.919 3753972.838 776.94
LOCATION L0002798 VOLUME 500779.907 3753972.251 776.44
LOCATION L0002799 VOLUME 500793.895 3753971.664 775.93
LOCATION L0002800 VOLUME 500807.882 3753971.077 775.51
LOCATION L0002801 VOLUME 500821.870 3753970.490 775.18
LOCATION L0002802 VOLUME 500835.858 3753969.903 775.48
LOCATION L0002803 VOLUME 500849.844 3753969.409 776.77
LOCATION L0002804 VOLUME 500863.797 3753970.554 777.92
LOCATION L0002805 VOLUME 500877.750 3753971.699 778.42
LOCATION L0002806 VOLUME 500891.703 3753972.844 778.93
LOCATION L0002807 VOLUME 500905.656 3753973.989 779.43
LOCATION L0002808 VOLUME 500919.609 3753975.133 779.93
LOCATION L0002809 VOLUME 500933.575 3753976.040 780.00
LOCATION L0002810 VOLUME 500947.570 3753976.448 780.00
LOCATION L0002811 VOLUME 500961.564 3753976.857 780.00
LOCATION L0002812 VOLUME 500975.558 3753977.265 780.00
LOCATION L0002813 VOLUME 500989.552 3753977.673 780.00
LOCATION L0002814 VOLUME 501003.546 3753978.081 780.00
LOCATION L0002815 VOLUME 501017.540 3753978.490 780.00
LOCATION L0002816 VOLUME 501031.534 3753978.898 780.00
LOCATION L0002817 VOLUME 501045.528 3753979.306 780.00
LOCATION L0002818 VOLUME 501059.522 3753979.715 780.00
LOCATION L0002819 VOLUME 501073.516 3753980.123 780.00
LOCATION L0002820 VOLUME 501083.572 3753984.310 780.00
LOCATION L0002821 VOLUME 501083.404 3753998.309 780.00
LOCATION L0002822 VOLUME 501083.235 3754012.308 780.00
LOCATION L0002823 VOLUME 501083.066 3754026.307 780.00
LOCATION L0002824 VOLUME 501082.898 3754040.306 780.00
LOCATION L0002825 VOLUME 501082.729 3754054.305 780.00
LOCATION L0002826 VOLUME 501082.561 3754068.304 780.00

LOCATION	L0002827	VOLUME	501082.392	3754082.303	780.00
LOCATION	L0002828	VOLUME	501082.223	3754096.302	780.00
LOCATION	L0002829	VOLUME	501082.055	3754110.301	779.71
LOCATION	L0002830	VOLUME	501081.886	3754124.300	779.41
LOCATION	L0002831	VOLUME	501081.717	3754138.299	779.22
LOCATION	L0002832	VOLUME	501082.044	3754152.231	779.05
LOCATION	L0002833	VOLUME	501085.890	3754165.693	779.00
LOCATION	L0002834	VOLUME	501089.736	3754179.154	779.00
LOCATION	L0002835	VOLUME	501093.582	3754192.615	779.00
LOCATION	L0002836	VOLUME	501098.400	3754205.653	779.00
LOCATION	L0002837	VOLUME	501105.651	3754217.629	779.00
LOCATION	L0002838	VOLUME	501112.902	3754229.605	779.00
LOCATION	L0002839	VOLUME	501120.153	3754241.581	779.00
LOCATION	L0002840	VOLUME	501127.404	3754253.557	779.00
LOCATION	L0002841	VOLUME	501134.655	3754265.533	779.13
LOCATION	L0002842	VOLUME	501141.906	3754277.509	779.37
LOCATION	L0002843	VOLUME	501149.156	3754289.485	779.62
LOCATION	L0002844	VOLUME	501156.407	3754301.461	779.86
LOCATION	L0002845	VOLUME	501163.658	3754313.437	780.00
LOCATION	L0002846	VOLUME	501170.909	3754325.413	780.00
LOCATION	L0002847	VOLUME	501178.160	3754337.389	780.03
LOCATION	L0002848	VOLUME	501185.411	3754349.365	780.36
LOCATION	L0002849	VOLUME	501192.662	3754361.341	780.85
LOCATION	L0002850	VOLUME	501199.913	3754373.317	780.83
LOCATION	L0002851	VOLUME	501207.164	3754385.293	780.71
LOCATION	L0002852	VOLUME	501214.415	3754397.269	780.79
LOCATION	L0002853	VOLUME	501221.665	3754409.245	781.01
LOCATION	L0002854	VOLUME	501228.916	3754421.221	781.23
LOCATION	L0002855	VOLUME	501236.167	3754433.197	781.52
LOCATION	L0002856	VOLUME	501243.418	3754445.173	781.76
LOCATION	L0002857	VOLUME	501250.669	3754457.149	782.00
LOCATION	L0002858	VOLUME	501257.920	3754469.125	782.00
LOCATION	L0002859	VOLUME	501265.171	3754481.101	782.00
LOCATION	L0002860	VOLUME	501272.383	3754493.100	782.17
LOCATION	L0002861	VOLUME	501279.543	3754505.130	782.61
LOCATION	L0002862	VOLUME	501286.703	3754517.161	783.01
LOCATION	L0002863	VOLUME	501293.862	3754529.192	783.19
LOCATION	L0002864	VOLUME	501301.022	3754541.223	783.57
LOCATION	L0002865	VOLUME	501308.182	3754553.253	783.92
LOCATION	L0002866	VOLUME	501315.342	3754565.284	784.00
** End of LINE VOLUME Source ID = SLINE5					
LOCATION	VOL1	VOLUME	500285.963	3754559.075	779.070
** Source Parameters **					
** LINE VOLUME Source ID = SLINE3					
SRCPARAM	L0002535	0.000005147	3.49	3.53	3.25
SRCPARAM	L0002536	0.000005147	3.49	3.53	3.25
SRCPARAM	L0002537	0.000005147	3.49	3.53	3.25
SRCPARAM	L0002538	0.000005147	3.49	3.53	3.25
SRCPARAM	L0002539	0.000005147	3.49	3.53	3.25
SRCPARAM	L0002540	0.000005147	3.49	3.53	3.25
SRCPARAM	L0002541	0.000005147	3.49	3.53	3.25
SRCPARAM	L0002542	0.000005147	3.49	3.53	3.25
SRCPARAM	L0002543	0.000005147	3.49	3.53	3.25
SRCPARAM	L0002544	0.000005147	3.49	3.53	3.25
SRCPARAM	L0002545	0.000005147	3.49	3.53	3.25
SRCPARAM	L0002546	0.000005147	3.49	3.53	3.25
SRCPARAM	L0002547	0.000005147	3.49	3.53	3.25
SRCPARAM	L0002548	0.000005147	3.49	3.53	3.25
SRCPARAM	L0002549	0.000005147	3.49	3.53	3.25
SRCPARAM	L0002550	0.000005147	3.49	3.53	3.25
SRCPARAM	L0002551	0.000005147	3.49	3.53	3.25
SRCPARAM	L0002552	0.000005147	3.49	3.53	3.25
SRCPARAM	L0002553	0.000005147	3.49	3.53	3.25
SRCPARAM	L0002554	0.000005147	3.49	3.53	3.25
SRCPARAM	L0002555	0.000005147	3.49	3.53	3.25
SRCPARAM	L0002556	0.000005147	3.49	3.53	3.25

[illegible]

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SRCPARAM	L0002817	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002818	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002819	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002820	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002821	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002822	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002823	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002824	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002825	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002826	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002827	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002828	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002829	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002830	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002831	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002832	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002833	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002834	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002835	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002836	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002837	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002838	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002839	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002840	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002841	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002842	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002843	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002844	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002845	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002846	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002847	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002848	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002849	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002850	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002851	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002852	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002853	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002854	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002855	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002856	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002857	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002858	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002859	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002860	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002861	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002862	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002863	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002864	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002865	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002866	0.000001491	3.49	6.51	3.25

** -----
 SRCPARAM VOL1 0.0176659528 5.000 82.279 1.400
 URBANSRC ALL

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

** Variable Emission Scenario: "Scenario 1"

** WeekDays:

EMISFACT	L0002535	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0002535	HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	L0002535	HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	L0002535	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0002536	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0002536	HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	L0002536	HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	L0002536	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0002537	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

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EMISFACT L0002535      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002535      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT	L0002586	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0002586	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0002586	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0002586	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0002587	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0002587	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0002587	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

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** Sunday:

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EMISFACT L0002861      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002861      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002861      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002862      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002862      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002862      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002862      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002862      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002863      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002863      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002863      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002863      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002864      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002864      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002864      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002864      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002864      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002865      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002865      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002865      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002865      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002865      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002866      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002866      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002866      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002866      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
EMISFACT VOL1          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL1          HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT VOL1          HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT VOL1          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
EMISFACT VOL1          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL1          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL1          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL1          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
EMISFACT VOL1          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL1          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL1          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL1          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
SRCGROUP ALL
SO FINISHED
**
*****
** AERMOD Receptor Pathway
*****
**
**
RE STARTING
  INCLUDED "14410 Construction.rou"
RE FINISHED
**
*****
** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
  SURFFILE BNAP_V9_ADJU\BNAP_v9.SFC
  PROFFILE BNAP_V9_ADJU\BNAP_v9.PFL
  SURFDATA 3171 2011
  UAIRDATA 3190 2011
  SITEDATA 99999 2011
  PROFBASE 660.0 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway

```

```
*****
**
**
OU STARTING
** Auto-Generated Plotfiles
   PLOTFILE ANNUAL ALL "14410 CONSTRUCTION.AD\AN00GALL.PLT" 31
   SUMMFILE "14410 Construction.sum"
OU FINISHED
**
*****
** Project Parameters
*****
** PROJCTN  CoordinateSystemUTM
** DESCPTN  UTM: Universal Transverse Mercator
** DATUM    World Geodetic System 1984
** DTMRGN   Global Definition
** UNITS     m
** ZONE      11
** ZONEINX   0
**
```

```

** Lakes Environmental AERMOD MPI
**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 10.2.1
** Lakes Environmental Software Inc.
** Date: 9/8/2022
** File: C:\Users\Michael Tirohn\Desktop\HRAs\14410 Orchard Logistics\14410 Construction\14410
Construction.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont Dowling\14410 Op
  MODELOPT DFAULT CONC
  AVERTIME ANNUAL
  URBANOPT 2189641
  POLLUTID DPM
  FLAGPOLE 0.00
  RUNORNOT RUN
  ERRORFIL "14410 Construction.err"
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE3
** DESCRSRC Nicholas 100%
** PREFIX
** Length of Side = 7.59
** Configuration = Adjacent
** Emission Rate = 0.0002624955
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 500497.479, 3754384.317, 779.57, 3.49, 3.53
** 500503.497, 3753994.848, 776.83, 3.49, 3.53
** -----
  LOCATION L0002535      VOLUME  500497.538 3754380.523 779.43
  LOCATION L0002536      VOLUME  500497.655 3754372.934 779.20
  LOCATION L0002537      VOLUME  500497.772 3754365.344 779.00
  LOCATION L0002538      VOLUME  500497.890 3754357.755 779.00
  LOCATION L0002539      VOLUME  500498.007 3754350.166 779.00
  LOCATION L0002540      VOLUME  500498.124 3754342.577 779.00
  LOCATION L0002541      VOLUME  500498.241 3754334.988 779.00
  LOCATION L0002542      VOLUME  500498.359 3754327.399 778.98
  LOCATION L0002543      VOLUME  500498.476 3754319.810 778.96
  LOCATION L0002544      VOLUME  500498.593 3754312.221 778.94
  LOCATION L0002545      VOLUME  500498.710 3754304.632 778.93
  LOCATION L0002546      VOLUME  500498.828 3754297.043 778.94
  LOCATION L0002547      VOLUME  500498.945 3754289.453 778.94
  LOCATION L0002548      VOLUME  500499.062 3754281.864 778.95

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LOCATION	L0002549	VOLUME	500499.180	3754274.275	778.95
LOCATION	L0002550	VOLUME	500499.297	3754266.686	778.97
LOCATION	L0002551	VOLUME	500499.414	3754259.097	778.98
LOCATION	L0002552	VOLUME	500499.531	3754251.508	778.99
LOCATION	L0002553	VOLUME	500499.649	3754243.919	779.00
LOCATION	L0002554	VOLUME	500499.766	3754236.330	778.99
LOCATION	L0002555	VOLUME	500499.883	3754228.741	778.98
LOCATION	L0002556	VOLUME	500500.000	3754221.152	778.98
LOCATION	L0002557	VOLUME	500500.118	3754213.563	778.98
LOCATION	L0002558	VOLUME	500500.235	3754205.973	778.99
LOCATION	L0002559	VOLUME	500500.352	3754198.384	779.00
LOCATION	L0002560	VOLUME	500500.469	3754190.795	779.00
LOCATION	L0002561	VOLUME	500500.587	3754183.206	779.00
LOCATION	L0002562	VOLUME	500500.704	3754175.617	779.00
LOCATION	L0002563	VOLUME	500500.821	3754168.028	779.00
LOCATION	L0002564	VOLUME	500500.939	3754160.439	779.01
LOCATION	L0002565	VOLUME	500501.056	3754152.850	779.01
LOCATION	L0002566	VOLUME	500501.173	3754145.261	779.01
LOCATION	L0002567	VOLUME	500501.290	3754137.672	779.01
LOCATION	L0002568	VOLUME	500501.408	3754130.083	779.00
LOCATION	L0002569	VOLUME	500501.525	3754122.493	779.00
LOCATION	L0002570	VOLUME	500501.642	3754114.904	779.01
LOCATION	L0002571	VOLUME	500501.759	3754107.315	779.02
LOCATION	L0002572	VOLUME	500501.877	3754099.726	779.04
LOCATION	L0002573	VOLUME	500501.994	3754092.137	779.04
LOCATION	L0002574	VOLUME	500502.111	3754084.548	779.05
LOCATION	L0002575	VOLUME	500502.229	3754076.959	779.05
LOCATION	L0002576	VOLUME	500502.346	3754069.370	779.06
LOCATION	L0002577	VOLUME	500502.463	3754061.781	779.06
LOCATION	L0002578	VOLUME	500502.580	3754054.192	779.06
LOCATION	L0002579	VOLUME	500502.698	3754046.602	779.07
LOCATION	L0002580	VOLUME	500502.815	3754039.013	779.07
LOCATION	L0002581	VOLUME	500502.932	3754031.424	778.77
LOCATION	L0002582	VOLUME	500503.049	3754023.835	778.29
LOCATION	L0002583	VOLUME	500503.167	3754016.246	777.81
LOCATION	L0002584	VOLUME	500503.284	3754008.657	777.34
LOCATION	L0002585	VOLUME	500503.401	3754001.068	777.01

** End of LINE VOLUME Source ID = SLINE3

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE4

** DESCRSRC Offsite W

** PREFIX

** Length of Side = 14.00

** Configuration = Adjacent

** Emission Rate = 0.0001312478

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 19

** 500504.023, 3753982.952, 776.10, 3.49, 6.51

** 500060.883, 3753993.912, 774.15, 3.49, 6.51

** 499886.115, 3753993.320, 763.20, 3.49, 6.51

** 499835.759, 3753996.578, 763.77, 3.49, 6.51

** 499785.698, 3754005.761, 759.10, 3.49, 6.51

** 499551.983, 3754093.737, 755.23, 3.49, 6.51

** 499503.996, 3754104.993, 752.92, 3.49, 6.51

** 499477.041, 3754107.659, 750.83, 3.49, 6.51

** 499289.239, 3754104.105, 747.87, 3.49, 6.51

** 499049.304, 3754098.180, 746.58, 3.49, 6.51

** 498973.473, 3754107.067, 743.93, 3.49, 6.51

** 498899.419, 3754127.506, 744.87, 3.49, 6.51

** 498777.378, 3754192.970, 743.86, 3.49, 6.51

** 498663.334, 3754230.589, 744.37, 3.49, 6.51

** 498614.162, 3754237.402, 740.48, 3.49, 6.51

** 498461.907, 3754236.217, 731.82, 3.49, 6.51

** 498454.206, 3754506.663, 731.64, 3.49, 6.51

** 498447.689, 3754722.901, 742.40, 3.49, 6.51

** 498447.689, 3754855.309, 741.93, 3.49, 6.51

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LOCATION	L0002586	VOLUME	500497.025	3753983.125	776.21
LOCATION	L0002587	VOLUME	500483.029	3753983.472	776.10
LOCATION	L0002588	VOLUME	500469.033	3753983.818	775.95
LOCATION	L0002589	VOLUME	500455.038	3753984.164	775.48
LOCATION	L0002590	VOLUME	500441.042	3753984.510	775.01
LOCATION	L0002591	VOLUME	500427.046	3753984.856	774.55
LOCATION	L0002592	VOLUME	500413.050	3753985.202	774.08
LOCATION	L0002593	VOLUME	500399.055	3753985.548	773.47
LOCATION	L0002594	VOLUME	500385.059	3753985.895	772.85
LOCATION	L0002595	VOLUME	500371.063	3753986.241	771.93
LOCATION	L0002596	VOLUME	500357.068	3753986.587	770.89
LOCATION	L0002597	VOLUME	500343.072	3753986.933	770.19
LOCATION	L0002598	VOLUME	500329.076	3753987.279	769.77
LOCATION	L0002599	VOLUME	500315.080	3753987.625	769.65
LOCATION	L0002600	VOLUME	500301.085	3753987.972	769.98
LOCATION	L0002601	VOLUME	500287.089	3753988.318	770.22
LOCATION	L0002602	VOLUME	500273.093	3753988.664	770.26
LOCATION	L0002603	VOLUME	500259.098	3753989.010	770.26
LOCATION	L0002604	VOLUME	500245.102	3753989.356	770.03
LOCATION	L0002605	VOLUME	500231.106	3753989.702	769.82
LOCATION	L0002606	VOLUME	500217.110	3753990.048	771.28
LOCATION	L0002607	VOLUME	500203.115	3753990.395	772.75
LOCATION	L0002608	VOLUME	500189.119	3753990.741	773.57
LOCATION	L0002609	VOLUME	500175.123	3753991.087	774.28
LOCATION	L0002610	VOLUME	500161.127	3753991.433	774.67
LOCATION	L0002611	VOLUME	500147.132	3753991.779	774.90
LOCATION	L0002612	VOLUME	500133.136	3753992.125	775.13
LOCATION	L0002613	VOLUME	500119.140	3753992.471	775.39
LOCATION	L0002614	VOLUME	500105.145	3753992.818	775.45
LOCATION	L0002615	VOLUME	500091.149	3753993.164	775.20
LOCATION	L0002616	VOLUME	500077.153	3753993.510	774.88
LOCATION	L0002617	VOLUME	500063.157	3753993.856	774.42
LOCATION	L0002618	VOLUME	500049.158	3753993.873	773.93
LOCATION	L0002619	VOLUME	500035.158	3753993.825	773.27
LOCATION	L0002620	VOLUME	500021.158	3753993.778	772.61
LOCATION	L0002621	VOLUME	500007.158	3753993.730	771.24
LOCATION	L0002622	VOLUME	499993.159	3753993.683	769.84
LOCATION	L0002623	VOLUME	499979.159	3753993.635	768.59
LOCATION	L0002624	VOLUME	499965.159	3753993.588	767.39
LOCATION	L0002625	VOLUME	499951.159	3753993.540	766.10
LOCATION	L0002626	VOLUME	499937.159	3753993.493	764.77
LOCATION	L0002627	VOLUME	499923.159	3753993.445	764.16
LOCATION	L0002628	VOLUME	499909.159	3753993.398	763.15
LOCATION	L0002629	VOLUME	499895.159	3753993.351	763.07
LOCATION	L0002630	VOLUME	499881.169	3753993.640	762.90
LOCATION	L0002631	VOLUME	499867.199	3753994.544	762.87
LOCATION	L0002632	VOLUME	499853.228	3753995.448	763.10
LOCATION	L0002633	VOLUME	499839.257	3753996.352	763.36
LOCATION	L0002634	VOLUME	499825.437	3753998.472	763.60
LOCATION	L0002635	VOLUME	499811.666	3754000.998	763.98
LOCATION	L0002636	VOLUME	499797.896	3754003.523	762.08
LOCATION	L0002637	VOLUME	499784.202	3754006.324	759.69
LOCATION	L0002638	VOLUME	499771.100	3754011.256	757.00
LOCATION	L0002639	VOLUME	499757.997	3754016.188	754.72
LOCATION	L0002640	VOLUME	499744.895	3754021.120	752.92
LOCATION	L0002641	VOLUME	499731.792	3754026.052	751.66
LOCATION	L0002642	VOLUME	499718.690	3754030.985	750.69
LOCATION	L0002643	VOLUME	499705.587	3754035.917	749.99
LOCATION	L0002644	VOLUME	499692.485	3754040.849	749.58
LOCATION	L0002645	VOLUME	499679.383	3754045.781	749.59
LOCATION	L0002646	VOLUME	499666.280	3754050.713	749.65
LOCATION	L0002647	VOLUME	499653.178	3754055.645	749.79
LOCATION	L0002648	VOLUME	499640.075	3754060.577	749.89

LOCATION	L0002649	VOLUME	499626.973	3754065.509	749.84
LOCATION	L0002650	VOLUME	499613.870	3754070.441	749.89
LOCATION	L0002651	VOLUME	499600.768	3754075.374	750.23
LOCATION	L0002652	VOLUME	499587.665	3754080.306	752.01
LOCATION	L0002653	VOLUME	499574.563	3754085.238	753.36
LOCATION	L0002654	VOLUME	499561.460	3754090.170	754.41
LOCATION	L0002655	VOLUME	499548.212	3754094.622	755.45
LOCATION	L0002656	VOLUME	499534.582	3754097.819	755.39
LOCATION	L0002657	VOLUME	499520.952	3754101.016	754.03
LOCATION	L0002658	VOLUME	499507.322	3754104.213	752.81
LOCATION	L0002659	VOLUME	499493.463	3754106.035	752.04
LOCATION	L0002660	VOLUME	499479.531	3754107.413	751.30
LOCATION	L0002661	VOLUME	499465.546	3754107.442	750.37
LOCATION	L0002662	VOLUME	499451.548	3754107.177	749.43
LOCATION	L0002663	VOLUME	499437.551	3754106.912	747.58
LOCATION	L0002664	VOLUME	499423.553	3754106.647	745.69
LOCATION	L0002665	VOLUME	499409.556	3754106.382	744.46
LOCATION	L0002666	VOLUME	499395.558	3754106.117	743.38
LOCATION	L0002667	VOLUME	499381.561	3754105.852	743.29
LOCATION	L0002668	VOLUME	499367.563	3754105.587	743.73
LOCATION	L0002669	VOLUME	499353.566	3754105.322	744.82
LOCATION	L0002670	VOLUME	499339.568	3754105.057	746.55
LOCATION	L0002671	VOLUME	499325.571	3754104.792	748.30
LOCATION	L0002672	VOLUME	499311.573	3754104.528	750.16
LOCATION	L0002673	VOLUME	499297.576	3754104.263	751.20
LOCATION	L0002674	VOLUME	499283.579	3754103.965	749.17
LOCATION	L0002675	VOLUME	499269.583	3754103.619	747.21
LOCATION	L0002676	VOLUME	499255.588	3754103.274	746.62
LOCATION	L0002677	VOLUME	499241.592	3754102.928	745.98
LOCATION	L0002678	VOLUME	499227.596	3754102.583	744.86
LOCATION	L0002679	VOLUME	499213.600	3754102.237	743.81
LOCATION	L0002680	VOLUME	499199.605	3754101.892	744.08
LOCATION	L0002681	VOLUME	499185.609	3754101.546	744.68
LOCATION	L0002682	VOLUME	499171.613	3754101.200	744.95
LOCATION	L0002683	VOLUME	499157.617	3754100.855	745.03
LOCATION	L0002684	VOLUME	499143.622	3754100.509	745.39
LOCATION	L0002685	VOLUME	499129.626	3754100.164	746.06
LOCATION	L0002686	VOLUME	499115.630	3754099.818	746.32
LOCATION	L0002687	VOLUME	499101.634	3754099.473	745.81
LOCATION	L0002688	VOLUME	499087.639	3754099.127	745.59
LOCATION	L0002689	VOLUME	499073.643	3754098.781	746.44
LOCATION	L0002690	VOLUME	499059.647	3754098.436	747.19
LOCATION	L0002691	VOLUME	499045.675	3754098.606	746.71
LOCATION	L0002692	VOLUME	499031.770	3754100.235	746.32
LOCATION	L0002693	VOLUME	499017.866	3754101.865	745.96
LOCATION	L0002694	VOLUME	499003.961	3754103.494	745.60
LOCATION	L0002695	VOLUME	498990.056	3754105.124	745.25
LOCATION	L0002696	VOLUME	498976.151	3754106.753	744.89
LOCATION	L0002697	VOLUME	498962.577	3754110.074	744.66
LOCATION	L0002698	VOLUME	498949.081	3754113.799	744.46
LOCATION	L0002699	VOLUME	498935.586	3754117.524	744.43
LOCATION	L0002700	VOLUME	498922.090	3754121.249	744.67
LOCATION	L0002701	VOLUME	498908.595	3754124.973	744.92
LOCATION	L0002702	VOLUME	498895.470	3754129.624	744.94
LOCATION	L0002703	VOLUME	498883.133	3754136.242	744.69
LOCATION	L0002704	VOLUME	498870.796	3754142.859	744.44
LOCATION	L0002705	VOLUME	498858.459	3754149.477	744.22
LOCATION	L0002706	VOLUME	498846.122	3754156.095	744.00
LOCATION	L0002707	VOLUME	498833.785	3754162.713	744.00
LOCATION	L0002708	VOLUME	498821.447	3754169.330	744.00
LOCATION	L0002709	VOLUME	498809.110	3754175.948	743.74
LOCATION	L0002710	VOLUME	498796.773	3754182.566	743.81
LOCATION	L0002711	VOLUME	498784.436	3754189.184	744.18
LOCATION	L0002712	VOLUME	498771.689	3754194.846	744.40
LOCATION	L0002713	VOLUME	498758.393	3754199.232	744.44
LOCATION	L0002714	VOLUME	498745.098	3754203.618	744.58

LOCATION	L0002715	VOLUME	498731.803	3754208.003	744.73
LOCATION	L0002716	VOLUME	498718.507	3754212.389	744.82
LOCATION	L0002717	VOLUME	498705.212	3754216.775	745.00
LOCATION	L0002718	VOLUME	498691.917	3754221.161	744.76
LOCATION	L0002719	VOLUME	498678.622	3754225.546	744.50
LOCATION	L0002720	VOLUME	498665.326	3754229.932	744.38
LOCATION	L0002721	VOLUME	498651.544	3754232.223	744.20
LOCATION	L0002722	VOLUME	498637.677	3754234.144	743.73
LOCATION	L0002723	VOLUME	498623.809	3754236.066	742.32
LOCATION	L0002724	VOLUME	498609.902	3754237.369	740.72
LOCATION	L0002725	VOLUME	498595.902	3754237.260	737.55
LOCATION	L0002726	VOLUME	498581.903	3754237.151	734.39
LOCATION	L0002727	VOLUME	498567.903	3754237.042	733.32
LOCATION	L0002728	VOLUME	498553.903	3754236.933	732.44
LOCATION	L0002729	VOLUME	498539.904	3754236.824	732.02
LOCATION	L0002730	VOLUME	498525.904	3754236.715	731.74
LOCATION	L0002731	VOLUME	498511.905	3754236.606	731.54
LOCATION	L0002732	VOLUME	498497.905	3754236.497	731.40
LOCATION	L0002733	VOLUME	498483.905	3754236.388	731.40
LOCATION	L0002734	VOLUME	498469.906	3754236.280	731.56
LOCATION	L0002735	VOLUME	498461.736	3754242.216	731.84
LOCATION	L0002736	VOLUME	498461.338	3754256.210	733.97
LOCATION	L0002737	VOLUME	498460.939	3754270.205	736.78
LOCATION	L0002738	VOLUME	498460.541	3754284.199	738.80
LOCATION	L0002739	VOLUME	498460.142	3754298.193	740.18
LOCATION	L0002740	VOLUME	498459.744	3754312.188	741.37
LOCATION	L0002741	VOLUME	498459.345	3754326.182	742.29
LOCATION	L0002742	VOLUME	498458.947	3754340.176	743.21
LOCATION	L0002743	VOLUME	498458.548	3754354.171	744.09
LOCATION	L0002744	VOLUME	498458.150	3754368.165	744.57
LOCATION	L0002745	VOLUME	498457.751	3754382.159	742.73
LOCATION	L0002746	VOLUME	498457.353	3754396.154	740.89
LOCATION	L0002747	VOLUME	498456.954	3754410.148	738.96
LOCATION	L0002748	VOLUME	498456.556	3754424.142	737.01
LOCATION	L0002749	VOLUME	498456.157	3754438.136	735.16
LOCATION	L0002750	VOLUME	498455.759	3754452.131	733.35
LOCATION	L0002751	VOLUME	498455.360	3754466.125	732.22
LOCATION	L0002752	VOLUME	498454.961	3754480.119	731.36
LOCATION	L0002753	VOLUME	498454.563	3754494.114	731.21
LOCATION	L0002754	VOLUME	498454.162	3754508.108	731.57
LOCATION	L0002755	VOLUME	498453.740	3754522.102	732.56
LOCATION	L0002756	VOLUME	498453.319	3754536.095	734.42
LOCATION	L0002757	VOLUME	498452.897	3754550.089	736.30
LOCATION	L0002758	VOLUME	498452.475	3754564.083	738.28
LOCATION	L0002759	VOLUME	498452.053	3754578.076	740.21
LOCATION	L0002760	VOLUME	498451.632	3754592.070	741.75
LOCATION	L0002761	VOLUME	498451.210	3754606.064	743.30
LOCATION	L0002762	VOLUME	498450.788	3754620.057	743.64
LOCATION	L0002763	VOLUME	498450.366	3754634.051	743.95
LOCATION	L0002764	VOLUME	498449.945	3754648.045	743.86
LOCATION	L0002765	VOLUME	498449.523	3754662.038	743.68
LOCATION	L0002766	VOLUME	498449.101	3754676.032	742.96
LOCATION	L0002767	VOLUME	498448.680	3754690.025	742.01
LOCATION	L0002768	VOLUME	498448.258	3754704.019	741.85
LOCATION	L0002769	VOLUME	498447.836	3754718.013	742.30
LOCATION	L0002770	VOLUME	498447.689	3754732.011	742.57
LOCATION	L0002771	VOLUME	498447.689	3754746.011	742.57
LOCATION	L0002772	VOLUME	498447.689	3754760.011	742.51
LOCATION	L0002773	VOLUME	498447.689	3754774.011	742.31
LOCATION	L0002774	VOLUME	498447.689	3754788.011	742.10
LOCATION	L0002775	VOLUME	498447.689	3754802.011	741.84
LOCATION	L0002776	VOLUME	498447.689	3754816.011	741.57
LOCATION	L0002777	VOLUME	498447.689	3754830.011	741.77
LOCATION	L0002778	VOLUME	498447.689	3754844.011	741.97

** End of LINE VOLUME Source ID = SLINE4

** -----

** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE5
** DESCRSRC Offsite E
** PREFIX
** Length of Side = 14.00
** Configuration = Adjacent
** Emission Rate = 0.0001312478
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 8
** 500507.147, 3753983.698, 776.23, 3.49, 6.51
** 500849.094, 3753969.348, 776.73, 3.49, 6.51
** 500929.046, 3753975.908, 779.89, 3.49, 6.51
** 501083.619, 3753980.418, 780.00, 3.49, 6.51
** 501081.569, 3754150.571, 779.00, 3.49, 6.51
** 501096.330, 3754202.233, 779.00, 3.49, 6.51
** 501269.353, 3754488.009, 782.00, 3.49, 6.51
** 501319.374, 3754572.060, 783.95, 3.49, 6.51
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LOCATION	L0002779	VOLUME	500514.141	3753983.404	777.14
LOCATION	L0002780	VOLUME	500528.129	3753982.817	778.05
LOCATION	L0002781	VOLUME	500542.116	3753982.230	778.59
LOCATION	L0002782	VOLUME	500556.104	3753981.643	779.03
LOCATION	L0002783	VOLUME	500570.092	3753981.056	779.17
LOCATION	L0002784	VOLUME	500584.079	3753980.469	779.15
LOCATION	L0002785	VOLUME	500598.067	3753979.882	779.34
LOCATION	L0002786	VOLUME	500612.055	3753979.295	779.74
LOCATION	L0002787	VOLUME	500626.042	3753978.708	780.02
LOCATION	L0002788	VOLUME	500640.030	3753978.121	780.04
LOCATION	L0002789	VOLUME	500654.018	3753977.534	780.15
LOCATION	L0002790	VOLUME	500668.005	3753976.947	780.59
LOCATION	L0002791	VOLUME	500681.993	3753976.360	780.91
LOCATION	L0002792	VOLUME	500695.981	3753975.773	779.97
LOCATION	L0002793	VOLUME	500709.969	3753975.186	779.02
LOCATION	L0002794	VOLUME	500723.956	3753974.599	778.49
LOCATION	L0002795	VOLUME	500737.944	3753974.012	777.96
LOCATION	L0002796	VOLUME	500751.932	3753973.425	777.45
LOCATION	L0002797	VOLUME	500765.919	3753972.838	776.94
LOCATION	L0002798	VOLUME	500779.907	3753972.251	776.44
LOCATION	L0002799	VOLUME	500793.895	3753971.664	775.93
LOCATION	L0002800	VOLUME	500807.882	3753971.077	775.51
LOCATION	L0002801	VOLUME	500821.870	3753970.490	775.18
LOCATION	L0002802	VOLUME	500835.858	3753969.903	775.48
LOCATION	L0002803	VOLUME	500849.844	3753969.409	776.77
LOCATION	L0002804	VOLUME	500863.797	3753970.554	777.92
LOCATION	L0002805	VOLUME	500877.750	3753971.699	778.42
LOCATION	L0002806	VOLUME	500891.703	3753972.844	778.93
LOCATION	L0002807	VOLUME	500905.656	3753973.989	779.43
LOCATION	L0002808	VOLUME	500919.609	3753975.133	779.93
LOCATION	L0002809	VOLUME	500933.575	3753976.040	780.00
LOCATION	L0002810	VOLUME	500947.570	3753976.448	780.00
LOCATION	L0002811	VOLUME	500961.564	3753976.857	780.00
LOCATION	L0002812	VOLUME	500975.558	3753977.265	780.00
LOCATION	L0002813	VOLUME	500989.552	3753977.673	780.00
LOCATION	L0002814	VOLUME	501003.546	3753978.081	780.00
LOCATION	L0002815	VOLUME	501017.540	3753978.490	780.00
LOCATION	L0002816	VOLUME	501031.534	3753978.898	780.00
LOCATION	L0002817	VOLUME	501045.528	3753979.306	780.00
LOCATION	L0002818	VOLUME	501059.522	3753979.715	780.00
LOCATION	L0002819	VOLUME	501073.516	3753980.123	780.00
LOCATION	L0002820	VOLUME	501083.572	3753984.310	780.00
LOCATION	L0002821	VOLUME	501083.404	3753998.309	780.00
LOCATION	L0002822	VOLUME	501083.235	3754012.308	780.00
LOCATION	L0002823	VOLUME	501083.066	3754026.307	780.00
LOCATION	L0002824	VOLUME	501082.898	3754040.306	780.00
LOCATION	L0002825	VOLUME	501082.729	3754054.305	780.00

LOCATION	L0002826	VOLUME	501082.561	3754068.304	780.00
LOCATION	L0002827	VOLUME	501082.392	3754082.303	780.00
LOCATION	L0002828	VOLUME	501082.223	3754096.302	780.00
LOCATION	L0002829	VOLUME	501082.055	3754110.301	779.71
LOCATION	L0002830	VOLUME	501081.886	3754124.300	779.41
LOCATION	L0002831	VOLUME	501081.717	3754138.299	779.22
LOCATION	L0002832	VOLUME	501082.044	3754152.231	779.05
LOCATION	L0002833	VOLUME	501085.890	3754165.693	779.00
LOCATION	L0002834	VOLUME	501089.736	3754179.154	779.00
LOCATION	L0002835	VOLUME	501093.582	3754192.615	779.00
LOCATION	L0002836	VOLUME	501098.400	3754205.653	779.00
LOCATION	L0002837	VOLUME	501105.651	3754217.629	779.00
LOCATION	L0002838	VOLUME	501112.902	3754229.605	779.00
LOCATION	L0002839	VOLUME	501120.153	3754241.581	779.00
LOCATION	L0002840	VOLUME	501127.404	3754253.557	779.00
LOCATION	L0002841	VOLUME	501134.655	3754265.533	779.13
LOCATION	L0002842	VOLUME	501141.906	3754277.509	779.37
LOCATION	L0002843	VOLUME	501149.156	3754289.485	779.62
LOCATION	L0002844	VOLUME	501156.407	3754301.461	779.86
LOCATION	L0002845	VOLUME	501163.658	3754313.437	780.00
LOCATION	L0002846	VOLUME	501170.909	3754325.413	780.00
LOCATION	L0002847	VOLUME	501178.160	3754337.389	780.03
LOCATION	L0002848	VOLUME	501185.411	3754349.365	780.36
LOCATION	L0002849	VOLUME	501192.662	3754361.341	780.85
LOCATION	L0002850	VOLUME	501199.913	3754373.317	780.83
LOCATION	L0002851	VOLUME	501207.164	3754385.293	780.71
LOCATION	L0002852	VOLUME	501214.415	3754397.269	780.79
LOCATION	L0002853	VOLUME	501221.665	3754409.245	781.01
LOCATION	L0002854	VOLUME	501228.916	3754421.221	781.23
LOCATION	L0002855	VOLUME	501236.167	3754433.197	781.52
LOCATION	L0002856	VOLUME	501243.418	3754445.173	781.76
LOCATION	L0002857	VOLUME	501250.669	3754457.149	782.00
LOCATION	L0002858	VOLUME	501257.920	3754469.125	782.00
LOCATION	L0002859	VOLUME	501265.171	3754481.101	782.00
LOCATION	L0002860	VOLUME	501272.383	3754493.100	782.17
LOCATION	L0002861	VOLUME	501279.543	3754505.130	782.61
LOCATION	L0002862	VOLUME	501286.703	3754517.161	783.01
LOCATION	L0002863	VOLUME	501293.862	3754529.192	783.19
LOCATION	L0002864	VOLUME	501301.022	3754541.223	783.57
LOCATION	L0002865	VOLUME	501308.182	3754553.253	783.92
LOCATION	L0002866	VOLUME	501315.342	3754565.284	784.00

** End of LINE VOLUME Source ID = SLINE5

LOCATION	VOL1	VOLUME	500285.963	3754559.075	779.070

** Source Parameters **

** LINE VOLUME Source ID = SLINE3

SRCPARAM	L0002535	0.000005147	3.49	3.53	3.25
SRCPARAM	L0002536	0.000005147	3.49	3.53	3.25
SRCPARAM	L0002537	0.000005147	3.49	3.53	3.25
SRCPARAM	L0002538	0.000005147	3.49	3.53	3.25
SRCPARAM	L0002539	0.000005147	3.49	3.53	3.25
SRCPARAM	L0002540	0.000005147	3.49	3.53	3.25
SRCPARAM	L0002541	0.000005147	3.49	3.53	3.25
SRCPARAM	L0002542	0.000005147	3.49	3.53	3.25
SRCPARAM	L0002543	0.000005147	3.49	3.53	3.25
SRCPARAM	L0002544	0.000005147	3.49	3.53	3.25
SRCPARAM	L0002545	0.000005147	3.49	3.53	3.25
SRCPARAM	L0002546	0.000005147	3.49	3.53	3.25
SRCPARAM	L0002547	0.000005147	3.49	3.53	3.25
SRCPARAM	L0002548	0.000005147	3.49	3.53	3.25
SRCPARAM	L0002549	0.000005147	3.49	3.53	3.25
SRCPARAM	L0002550	0.000005147	3.49	3.53	3.25
SRCPARAM	L0002551	0.000005147	3.49	3.53	3.25
SRCPARAM	L0002552	0.000005147	3.49	3.53	3.25
SRCPARAM	L0002553	0.000005147	3.49	3.53	3.25
SRCPARAM	L0002554	0.000005147	3.49	3.53	3.25
SRCPARAM	L0002555	0.000005147	3.49	3.53	3.25

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SRCPARAM	L0002816	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002817	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002818	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002819	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002820	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002821	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002822	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002823	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002824	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002825	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002826	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002827	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002828	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002829	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002830	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002831	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002832	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002833	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002834	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002835	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002836	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002837	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002838	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002839	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002840	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002841	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002842	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002843	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002844	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002845	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002846	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002847	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002848	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002849	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002850	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002851	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002852	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002853	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002854	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002855	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002856	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002857	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002858	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002859	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002860	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002861	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002862	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002863	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002864	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002865	0.000001491	3.49	6.51	3.25
SRCPARAM	L0002866	0.000001491	3.49	6.51	3.25

** -----					
SRCPARAM	VOL1	0.0176659528	5.000	82.279	1.400
URBANSRC	ALL				

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

** Variable Emission Scenario: "Scenario 1"

** WeekDays:

EMISFACT	L0002535	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0002535	HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	L0002535	HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	L0002535	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0002536	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0002536	HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	L0002536	HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	L0002536	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

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EMISFACT	L0002586	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0002586	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0002586	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0002586	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0002587	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0002587	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

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Sunday:								
EMISFACT	L0002586	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0002586	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0002586	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0002586	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0002587	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0002587	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0002587	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0002587	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0002588	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0002588	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0002588	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0002588	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0002589	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0002589	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0002589	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0002589	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0002590	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0002590	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0002590	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0002590	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0002591	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0002591	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0002591	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0002591	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	L0002592	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

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EMISFACT L0002861      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002861      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002861      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002861      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002862      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002862      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002862      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002862      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002862      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002863      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002863      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002863      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002863      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002864      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002864      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002864      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002864      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002864      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002865      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002865      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002865      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002865      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002865      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002866      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002866      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002866      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0002866      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
EMISFACT VOL1          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL1          HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT VOL1          HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT VOL1          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
EMISFACT VOL1          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL1          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL1          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL1          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
EMISFACT VOL1          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL1          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL1          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL1          HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
SRCGROUP ALL
SO FINISHED
**
*****
** AERMOD Receptor Pathway
*****
**
**
RE STARTING
  INCLUDED "14410 Construction.rou"
RE FINISHED
**
*****
** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
  SURFFILE BNAP_V9_ADJU\BNAP_v9.SFC
  PROFFILE BNAP_V9_ADJU\BNAP_v9.PFL
  SURFDATA 3171 2011
  UAIRDATA 3190 2011
  SITEDATA 99999 2011
  PROFBASE 660.0 METERS
ME FINISHED
**
*****

```

```
** AERMOD Output Pathway
*****
**
**
OU STARTING
** Auto-Generated Plotfiles
   PLOTFILE ANNUAL ALL "14410 CONSTRUCTION.AD\AN00GALL.PLT" 31
   SUMMFILE "14410 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      4814      MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
ME W187      4814      MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET
```

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

```
FF *** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op ***          09/08/22
*** AERMET - VERSION 16216 ***
***                                     ***          10:46:48
```

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

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

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

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

```
**Model Uses URBAN Dispersion Algorithm for the SBL for   333 Source(s),
for Total of      1 Urban Area(s):
Urban Population =   2189641.0 ; Urban Roughness Length =   1.000 m
```

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

```
**Other Options Specified:
  ADJ_U*  - Use ADJ_U* option for SBL in AERMET
```

TEMP_Sub - Meteorological data includes TEMP substitutions

**Model Accepts FLAGPOLE Receptor Heights.

**The User Specified a Pollutant Type of: DPM

**Model Calculates ANNUAL Averages Only

**This Run Includes: 333 Source(s); 1 Source Group(s); and 58 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 333 VOLUME source(s)
and: 0 AREA type source(s)
and: 0 LINE source(s)
and: 0 RLINE/RLINEXT source(s)
and: 0 OPENPIT source(s)
and: 0 BUOYANT LINE source(s) with a total of 0 line(s)

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

**The AERMET Input Meteorological Data Version Date: 16216

**Output Options Selected:

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

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

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 660.00 ; Decay Coef. =
0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate
Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

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

**Input Runstream File:

aermod.inp

**Output Print File:

aermod.out

**Detailed Error/Message File: 14410

Construction.err

**File for Summary of Results: 14410

Construction.sum

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22

*** AERMET - VERSION 16216 ***

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

*** VOLUME SOURCE DATA ***

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

ID (METERS)	CATS.		BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
L0002535	0	0.51470E-05	500497.5	3754380.5	779.4	3.49	3.53	3.25
YES HRDOW L0002536	0	0.51470E-05	500497.7	3754372.9	779.2	3.49	3.53	3.25
YES HRDOW L0002537	0	0.51470E-05	500497.8	3754365.3	779.0	3.49	3.53	3.25
YES HRDOW L0002538	0	0.51470E-05	500497.9	3754357.8	779.0	3.49	3.53	3.25
YES HRDOW L0002539	0	0.51470E-05	500498.0	3754350.2	779.0	3.49	3.53	3.25
YES HRDOW L0002540	0	0.51470E-05	500498.1	3754342.6	779.0	3.49	3.53	3.25
YES HRDOW L0002541	0	0.51470E-05	500498.2	3754335.0	779.0	3.49	3.53	3.25
YES HRDOW L0002542	0	0.51470E-05	500498.4	3754327.4	779.0	3.49	3.53	3.25
YES HRDOW L0002543	0	0.51470E-05	500498.5	3754319.8	779.0	3.49	3.53	3.25
YES HRDOW L0002544	0	0.51470E-05	500498.6	3754312.2	778.9	3.49	3.53	3.25
YES HRDOW L0002545	0	0.51470E-05	500498.7	3754304.6	778.9	3.49	3.53	3.25
YES HRDOW L0002546	0	0.51470E-05	500498.8	3754297.0	778.9	3.49	3.53	3.25
YES HRDOW L0002547	0	0.51470E-05	500498.9	3754289.5	778.9	3.49	3.53	3.25
YES HRDOW L0002548	0	0.51470E-05	500499.1	3754281.9	778.9	3.49	3.53	3.25
YES HRDOW L0002549	0	0.51470E-05	500499.2	3754274.3	778.9	3.49	3.53	3.25
YES HRDOW L0002550	0	0.51470E-05	500499.3	3754266.7	779.0	3.49	3.53	3.25
YES HRDOW L0002551	0	0.51470E-05	500499.4	3754259.1	779.0	3.49	3.53	3.25
YES HRDOW L0002552	0	0.51470E-05	500499.5	3754251.5	779.0	3.49	3.53	3.25
YES HRDOW L0002553	0	0.51470E-05	500499.6	3754243.9	779.0	3.49	3.53	3.25
YES HRDOW L0002554	0	0.51470E-05	500499.8	3754236.3	779.0	3.49	3.53	3.25
YES HRDOW L0002555	0	0.51470E-05	500499.9	3754228.7	779.0	3.49	3.53	3.25
YES HRDOW L0002556	0	0.51470E-05	500500.0	3754221.2	779.0	3.49	3.53	3.25
YES HRDOW L0002557	0	0.51470E-05	500500.1	3754213.6	779.0	3.49	3.53	3.25
YES HRDOW L0002558	0	0.51470E-05	500500.2	3754206.0	779.0	3.49	3.53	3.25
YES HRDOW L0002559	0	0.51470E-05	500500.4	3754198.4	779.0	3.49	3.53	3.25
YES HRDOW L0002560	0	0.51470E-05	500500.5	3754190.8	779.0	3.49	3.53	3.25
YES HRDOW L0002561	0	0.51470E-05	500500.6	3754183.2	779.0	3.49	3.53	3.25
YES HRDOW L0002562	0	0.51470E-05	500500.7	3754175.6	779.0	3.49	3.53	3.25
YES HRDOW L0002563	0	0.51470E-05	500500.8	3754168.0	779.0	3.49	3.53	3.25
YES HRDOW L0002564	0	0.51470E-05	500500.9	3754160.4	779.0	3.49	3.53	3.25
YES HRDOW L0002565	0	0.51470E-05	500501.1	3754152.8	779.0	3.49	3.53	3.25

YES	HRDOW								
L0002566		0	0.51470E-05	500501.2	3754145.3	779.0	3.49	3.53	3.25
YES	HRDOW								
L0002567		0	0.51470E-05	500501.3	3754137.7	779.0	3.49	3.53	3.25
YES	HRDOW								
L0002568		0	0.51470E-05	500501.4	3754130.1	779.0	3.49	3.53	3.25
YES	HRDOW								
L0002569		0	0.51470E-05	500501.5	3754122.5	779.0	3.49	3.53	3.25
YES	HRDOW								
L0002570		0	0.51470E-05	500501.6	3754114.9	779.0	3.49	3.53	3.25
YES	HRDOW								
L0002571		0	0.51470E-05	500501.8	3754107.3	779.0	3.49	3.53	3.25
YES	HRDOW								
L0002572		0	0.51470E-05	500501.9	3754099.7	779.0	3.49	3.53	3.25
YES	HRDOW								
L0002573		0	0.51470E-05	500502.0	3754092.1	779.0	3.49	3.53	3.25
YES	HRDOW								
L0002574		0	0.51470E-05	500502.1	3754084.5	779.0	3.49	3.53	3.25
YES	HRDOW								

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FF *** AERMOD - VERSION 21112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op ***                    09/08/22
*** AERMET - VERSION 16216 ***
***                                     *** 10:46:48

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

```

*** VOLUME SOURCE DATA ***

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

YES	HRDOW								
L0002589		0	0.68000E-06	500455.0	3753984.2	775.5	3.49	6.51	3.25
YES	HRDOW								
L0002590		0	0.68000E-06	500441.0	3753984.5	775.0	3.49	6.51	3.25
YES	HRDOW								
L0002591		0	0.68000E-06	500427.0	3753984.9	774.5	3.49	6.51	3.25
YES	HRDOW								
L0002592		0	0.68000E-06	500413.0	3753985.2	774.1	3.49	6.51	3.25
YES	HRDOW								
L0002593		0	0.68000E-06	500399.1	3753985.5	773.5	3.49	6.51	3.25
YES	HRDOW								
L0002594		0	0.68000E-06	500385.1	3753985.9	772.8	3.49	6.51	3.25
YES	HRDOW								
L0002595		0	0.68000E-06	500371.1	3753986.2	771.9	3.49	6.51	3.25
YES	HRDOW								
L0002596		0	0.68000E-06	500357.1	3753986.6	770.9	3.49	6.51	3.25
YES	HRDOW								
L0002597		0	0.68000E-06	500343.1	3753986.9	770.2	3.49	6.51	3.25
YES	HRDOW								
L0002598		0	0.68000E-06	500329.1	3753987.3	769.8	3.49	6.51	3.25
YES	HRDOW								
L0002599		0	0.68000E-06	500315.1	3753987.6	769.6	3.49	6.51	3.25
YES	HRDOW								
L0002600		0	0.68000E-06	500301.1	3753988.0	770.0	3.49	6.51	3.25
YES	HRDOW								
L0002601		0	0.68000E-06	500287.1	3753988.3	770.2	3.49	6.51	3.25
YES	HRDOW								
L0002602		0	0.68000E-06	500273.1	3753988.7	770.3	3.49	6.51	3.25
YES	HRDOW								
L0002603		0	0.68000E-06	500259.1	3753989.0	770.3	3.49	6.51	3.25
YES	HRDOW								
L0002604		0	0.68000E-06	500245.1	3753989.4	770.0	3.49	6.51	3.25
YES	HRDOW								
L0002605		0	0.68000E-06	500231.1	3753989.7	769.8	3.49	6.51	3.25
YES	HRDOW								
L0002606		0	0.68000E-06	500217.1	3753990.0	771.3	3.49	6.51	3.25
YES	HRDOW								
L0002607		0	0.68000E-06	500203.1	3753990.4	772.8	3.49	6.51	3.25
YES	HRDOW								
L0002608		0	0.68000E-06	500189.1	3753990.7	773.6	3.49	6.51	3.25
YES	HRDOW								
L0002609		0	0.68000E-06	500175.1	3753991.1	774.3	3.49	6.51	3.25
YES	HRDOW								
L0002610		0	0.68000E-06	500161.1	3753991.4	774.7	3.49	6.51	3.25
YES	HRDOW								
L0002611		0	0.68000E-06	500147.1	3753991.8	774.9	3.49	6.51	3.25
YES	HRDOW								
L0002612		0	0.68000E-06	500133.1	3753992.1	775.1	3.49	6.51	3.25
YES	HRDOW								
L0002613		0	0.68000E-06	500119.1	3753992.5	775.4	3.49	6.51	3.25
YES	HRDOW								
L0002614		0	0.68000E-06	500105.1	3753992.8	775.4	3.49	6.51	3.25

```

YES HRDOW
FF *** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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10:46:48

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

```

*** VOLUME SOURCE DATA ***

NUMBER	EMISSION RATE	BASE	RELEASE	INIT.	INIT.
URBAN	EMISSION RATE				

SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ
SOURCE	SCALAR	VARY						
ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	
(METERS)		BY						
L0002615	0	0.68000E-06	500091.1	3753993.2	775.2	3.49	6.51	3.25
YES HRDOW								
L0002616	0	0.68000E-06	500077.2	3753993.5	774.9	3.49	6.51	3.25
YES HRDOW								
L0002617	0	0.68000E-06	500063.2	3753993.9	774.4	3.49	6.51	3.25
YES HRDOW								
L0002618	0	0.68000E-06	500049.2	3753993.9	773.9	3.49	6.51	3.25
YES HRDOW								
L0002619	0	0.68000E-06	500035.2	3753993.8	773.3	3.49	6.51	3.25
YES HRDOW								
L0002620	0	0.68000E-06	500021.2	3753993.8	772.6	3.49	6.51	3.25
YES HRDOW								
L0002621	0	0.68000E-06	500007.2	3753993.7	771.2	3.49	6.51	3.25
YES HRDOW								
L0002622	0	0.68000E-06	499993.2	3753993.7	769.8	3.49	6.51	3.25
YES HRDOW								
L0002623	0	0.68000E-06	499979.2	3753993.6	768.6	3.49	6.51	3.25
YES HRDOW								
L0002624	0	0.68000E-06	499965.2	3753993.6	767.4	3.49	6.51	3.25
YES HRDOW								
L0002625	0	0.68000E-06	499951.2	3753993.5	766.1	3.49	6.51	3.25
YES HRDOW								
L0002626	0	0.68000E-06	499937.2	3753993.5	764.8	3.49	6.51	3.25
YES HRDOW								
L0002627	0	0.68000E-06	499923.2	3753993.4	764.2	3.49	6.51	3.25
YES HRDOW								
L0002628	0	0.68000E-06	499909.2	3753993.4	763.1	3.49	6.51	3.25
YES HRDOW								
L0002629	0	0.68000E-06	499895.2	3753993.4	763.1	3.49	6.51	3.25
YES HRDOW								
L0002630	0	0.68000E-06	499881.2	3753993.6	762.9	3.49	6.51	3.25
YES HRDOW								
L0002631	0	0.68000E-06	499867.2	3753994.5	762.9	3.49	6.51	3.25
YES HRDOW								
L0002632	0	0.68000E-06	499853.2	3753995.4	763.1	3.49	6.51	3.25
YES HRDOW								
L0002633	0	0.68000E-06	499839.3	3753996.4	763.4	3.49	6.51	3.25
YES HRDOW								
L0002634	0	0.68000E-06	499825.4	3753998.5	763.6	3.49	6.51	3.25
YES HRDOW								
L0002635	0	0.68000E-06	499811.7	3754001.0	764.0	3.49	6.51	3.25
YES HRDOW								
L0002636	0	0.68000E-06	499797.9	3754003.5	762.1	3.49	6.51	3.25
YES HRDOW								
L0002637	0	0.68000E-06	499784.2	3754006.3	759.7	3.49	6.51	3.25
YES HRDOW								
L0002638	0	0.68000E-06	499771.1	3754011.3	757.0	3.49	6.51	3.25
YES HRDOW								
L0002639	0	0.68000E-06	499758.0	3754016.2	754.7	3.49	6.51	3.25
YES HRDOW								
L0002640	0	0.68000E-06	499744.9	3754021.1	752.9	3.49	6.51	3.25
YES HRDOW								
L0002641	0	0.68000E-06	499731.8	3754026.1	751.7	3.49	6.51	3.25
YES HRDOW								
L0002642	0	0.68000E-06	499718.7	3754031.0	750.7	3.49	6.51	3.25
YES HRDOW								
L0002643	0	0.68000E-06	499705.6	3754035.9	750.0	3.49	6.51	3.25
YES HRDOW								
L0002644	0	0.68000E-06	499692.5	3754040.8	749.6	3.49	6.51	3.25

```
PR *** AERMOT - VERSION 21112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont  
Dowling\14410 Op ***                   09/08/22  
*** AERMET - VERSION 16216 ***  
***                                     *** 10:46:48
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```
***  MODELOPTs:      RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ  U*
```

*** VOLUME SOURCE DATA ***

		NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.
		URBAN	EMISSION RATE						
SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ	
SOURCE	SCALAR	VARY							
ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)		
(METERS)		BY							
L0002655		0	0.68000E-06	499548.2	3754094.6	755.4	3.49	6.51	3.25
YES	HRDOW								
L0002656		0	0.68000E-06	499534.6	3754097.8	755.4	3.49	6.51	3.25
YES	HRDOW								
L0002657		0	0.68000E-06	499521.0	3754101.0	754.0	3.49	6.51	3.25
YES	HRDOW								
L0002658		0	0.68000E-06	499507.3	3754104.2	752.8	3.49	6.51	3.25
YES	HRDOW								
L0002659		0	0.68000E-06	499493.5	3754106.0	752.0	3.49	6.51	3.25
YES	HRDOW								
L0002660		0	0.68000E-06	499479.5	3754107.4	751.3	3.49	6.51	3.25
YES	HRDOW								
L0002661		0	0.68000E-06	499465.5	3754107.4	750.4	3.49	6.51	3.25
YES	HRDOW								
L0002662		0	0.68000E-06	499451.5	3754107.2	749.4	3.49	6.51	3.25
YES	HRDOW								
L0002663		0	0.68000E-06	499437.6	3754106.9	747.6	3.49	6.51	3.25
YES	HRDOW								
L0002664		0	0.68000E-06	499423.6	3754106.6	745.7	3.49	6.51	3.25
YES	HRDOW								
L0002665		0	0.68000E-06	499409.6	3754106.4	744.5	3.49	6.51	3.25
YES	HRDOW								
L0002666		0	0.68000E-06	499395.6	3754106.1	743.4	3.49	6.51	3.25
YES	HRDOW								
L0002667		0	0.68000E-06	499381.6	3754105.9	743.3	3.49	6.51	3.25

YES	HRDOW							
L0002668		0	0.68000E-06	499367.6	3754105.6	743.7	3.49	6.51
YES	HRDOW							
L0002669		0	0.68000E-06	499353.6	3754105.3	744.8	3.49	6.51
YES	HRDOW							
L0002670		0	0.68000E-06	499339.6	3754105.1	746.5	3.49	6.51
YES	HRDOW							
L0002671		0	0.68000E-06	499325.6	3754104.8	748.3	3.49	6.51
YES	HRDOW							
L0002672		0	0.68000E-06	499311.6	3754104.5	750.2	3.49	6.51
YES	HRDOW							
L0002673		0	0.68000E-06	499297.6	3754104.3	751.2	3.49	6.51
YES	HRDOW							
L0002674		0	0.68000E-06	499283.6	3754104.0	749.2	3.49	6.51
YES	HRDOW							
L0002675		0	0.68000E-06	499269.6	3754103.6	747.2	3.49	6.51
YES	HRDOW							
L0002676		0	0.68000E-06	499255.6	3754103.3	746.6	3.49	6.51
YES	HRDOW							
L0002677		0	0.68000E-06	499241.6	3754102.9	746.0	3.49	6.51
YES	HRDOW							
L0002678		0	0.68000E-06	499227.6	3754102.6	744.9	3.49	6.51
YES	HRDOW							
L0002679		0	0.68000E-06	499213.6	3754102.2	743.8	3.49	6.51
YES	HRDOW							
L0002680		0	0.68000E-06	499199.6	3754101.9	744.1	3.49	6.51
YES	HRDOW							
L0002681		0	0.68000E-06	499185.6	3754101.5	744.7	3.49	6.51
YES	HRDOW							
L0002682		0	0.68000E-06	499171.6	3754101.2	744.9	3.49	6.51
YES	HRDOW							
L0002683		0	0.68000E-06	499157.6	3754100.9	745.0	3.49	6.51
YES	HRDOW							
L0002684		0	0.68000E-06	499143.6	3754100.5	745.4	3.49	6.51
YES	HRDOW							
L0002685		0	0.68000E-06	499129.6	3754100.2	746.1	3.49	6.51
YES	HRDOW							
L0002686		0	0.68000E-06	499115.6	3754099.8	746.3	3.49	6.51
YES	HRDOW							
L0002687		0	0.68000E-06	499101.6	3754099.5	745.8	3.49	6.51
YES	HRDOW							
L0002688		0	0.68000E-06	499087.6	3754099.1	745.6	3.49	6.51
YES	HRDOW							
L0002689		0	0.68000E-06	499073.6	3754098.8	746.4	3.49	6.51
YES	HRDOW							
L0002690		0	0.68000E-06	499059.6	3754098.4	747.2	3.49	6.51
YES	HRDOW							
L0002691		0	0.68000E-06	499045.7	3754098.6	746.7	3.49	6.51
YES	HRDOW							
L0002692		0	0.68000E-06	499031.8	3754100.2	746.3	3.49	6.51
YES	HRDOW							
L0002693		0	0.68000E-06	499017.9	3754101.9	746.0	3.49	6.51
YES	HRDOW							
L0002694		0	0.68000E-06	499004.0	3754103.5	745.6	3.49	6.51

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*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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10:46:48

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PAGE 6
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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*** VOLUME SOURCE DATA ***

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

L0002695	0	0.68000E-06	498990.1	3754105.1	745.2	3.49	6.51	3.25	
YES HRDOW									
L0002696	0	0.68000E-06	498976.2	3754106.8	744.9	3.49	6.51	3.25	
YES HRDOW									
L0002697	0	0.68000E-06	498962.6	3754110.1	744.7	3.49	6.51	3.25	
YES HRDOW									
L0002698	0	0.68000E-06	498949.1	3754113.8	744.5	3.49	6.51	3.25	
YES HRDOW									
L0002699	0	0.68000E-06	498935.6	3754117.5	744.4	3.49	6.51	3.25	
YES HRDOW									
L0002700	0	0.68000E-06	498922.1	3754121.2	744.7	3.49	6.51	3.25	
YES HRDOW									
L0002701	0	0.68000E-06	498908.6	3754125.0	744.9	3.49	6.51	3.25	
YES HRDOW									
L0002702	0	0.68000E-06	498895.5	3754129.6	744.9	3.49	6.51	3.25	
YES HRDOW									
L0002703	0	0.68000E-06	498883.1	3754136.2	744.7	3.49	6.51	3.25	
YES HRDOW									
L0002704	0	0.68000E-06	498870.8	3754142.9	744.4	3.49	6.51	3.25	
YES HRDOW									
L0002705	0	0.68000E-06	498858.5	3754149.5	744.2	3.49	6.51	3.25	
YES HRDOW									
L0002706	0	0.68000E-06	498846.1	3754156.1	744.0	3.49	6.51	3.25	
YES HRDOW									
L0002707	0	0.68000E-06	498833.8	3754162.7	744.0	3.49	6.51	3.25	
YES HRDOW									
L0002708	0	0.68000E-06	498821.4	3754169.3	744.0	3.49	6.51	3.25	
YES HRDOW									
L0002709	0	0.68000E-06	498809.1	3754175.9	743.7	3.49	6.51	3.25	
YES HRDOW									
L0002710	0	0.68000E-06	498796.8	3754182.6	743.8	3.49	6.51	3.25	
YES HRDOW									
L0002711	0	0.68000E-06	498784.4	3754189.2	744.2	3.49	6.51	3.25	
YES HRDOW									
L0002712	0	0.68000E-06	498771.7	3754194.8	744.4	3.49	6.51	3.25	
YES HRDOW									
L0002713	0	0.68000E-06	498758.4	3754199.2	744.4	3.49	6.51	3.25	
YES HRDOW									
L0002714	0	0.68000E-06	498745.1	3754203.6	744.6	3.49	6.51	3.25	
YES HRDOW									
L0002715	0	0.68000E-06	498731.8	3754208.0	744.7	3.49	6.51	3.25	
YES HRDOW									
L0002716	0	0.68000E-06	498718.5	3754212.4	744.8	3.49	6.51	3.25	
YES HRDOW									
L0002717	0	0.68000E-06	498705.2	3754216.8	745.0	3.49	6.51	3.25	
YES HRDOW									
L0002718	0	0.68000E-06	498691.9	3754221.2	744.8	3.49	6.51	3.25	
YES HRDOW									
L0002719	0	0.68000E-06	498678.6	3754225.5	744.5	3.49	6.51	3.25	
YES HRDOW									
L0002720	0	0.68000E-06	498665.3	3754229.9	744.4	3.49	6.51	3.25	
YES HRDOW									
L0002721	0	0.68000E-06	498651.5	3754232.2	744.2	3.49	6.51	3.25	
YES HRDOW									
L0002722	0	0.68000E-06	498637.7	3754234.1	743.7	3.49	6.51	3.25	
YES HRDOW									
L0002723	0	0.68000E-06	498623.8	3754236.1	742.3	3.49	6.51	3.25	

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FF *** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
*** *** 10:46:48
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***  MODELOPTs:      RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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[illegible]

L0002735	0	0.68000E-06	498461.7	3754242.2	731.8	3.49	6.51	3.25
YES HRDOW								
L0002736	0	0.68000E-06	498461.3	3754256.2	734.0	3.49	6.51	3.25
YES HRDOW								
L0002737	0	0.68000E-06	498460.9	3754270.2	736.8	3.49	6.51	3.25
YES HRDOW								
L0002738	0	0.68000E-06	498460.5	3754284.2	738.8	3.49	6.51	3.25
YES HRDOW								
L0002739	0	0.68000E-06	498460.1	3754298.2	740.2	3.49	6.51	3.25
YES HRDOW								
L0002740	0	0.68000E-06	498459.7	3754312.2	741.4	3.49	6.51	3.25
YES HRDOW								
L0002741	0	0.68000E-06	498459.3	3754326.2	742.3	3.49	6.51	3.25
YES HRDOW								
L0002742	0	0.68000E-06	498458.9	3754340.2	743.2	3.49	6.51	3.25
YES HRDOW								
L0002743	0	0.68000E-06	498458.5	3754354.2	744.1	3.49	6.51	3.25
YES HRDOW								
L0002744	0	0.68000E-06	498458.1	3754368.2	744.6	3.49	6.51	3.25
YES HRDOW								
L0002745	0	0.68000E-06	498457.8	3754382.2	742.7	3.49	6.51	3.25
YES HRDOW								
L0002746	0	0.68000E-06	498457.4	3754396.2	740.9	3.49	6.51	3.25

YES	HRDOW								
L0002747		0	0.68000E-06	498457.0	3754410.1	739.0	3.49	6.51	3.25
YES	HRDOW								
L0002748		0	0.68000E-06	498456.6	3754424.1	737.0	3.49	6.51	3.25
YES	HRDOW								
L0002749		0	0.68000E-06	498456.2	3754438.1	735.2	3.49	6.51	3.25
YES	HRDOW								
L0002750		0	0.68000E-06	498455.8	3754452.1	733.3	3.49	6.51	3.25
YES	HRDOW								
L0002751		0	0.68000E-06	498455.4	3754466.1	732.2	3.49	6.51	3.25
YES	HRDOW								
L0002752		0	0.68000E-06	498455.0	3754480.1	731.4	3.49	6.51	3.25
YES	HRDOW								
L0002753		0	0.68000E-06	498454.6	3754494.1	731.2	3.49	6.51	3.25
YES	HRDOW								
L0002754		0	0.68000E-06	498454.2	3754508.1	731.6	3.49	6.51	3.25
YES	HRDOW								
L0002755		0	0.68000E-06	498453.7	3754522.1	732.6	3.49	6.51	3.25
YES	HRDOW								
L0002756		0	0.68000E-06	498453.3	3754536.1	734.4	3.49	6.51	3.25
YES	HRDOW								
L0002757		0	0.68000E-06	498452.9	3754550.1	736.3	3.49	6.51	3.25
YES	HRDOW								
L0002758		0	0.68000E-06	498452.5	3754564.1	738.3	3.49	6.51	3.25
YES	HRDOW								
L0002759		0	0.68000E-06	498452.1	3754578.1	740.2	3.49	6.51	3.25
YES	HRDOW								
L0002760		0	0.68000E-06	498451.6	3754592.1	741.8	3.49	6.51	3.25
YES	HRDOW								
L0002761		0	0.68000E-06	498451.2	3754606.1	743.3	3.49	6.51	3.25
YES	HRDOW								
L0002762		0	0.68000E-06	498450.8	3754620.1	743.6	3.49	6.51	3.25
YES	HRDOW								
L0002763		0	0.68000E-06	498450.4	3754634.1	743.9	3.49	6.51	3.25
YES	HRDOW								
L0002764		0	0.68000E-06	498449.9	3754648.0	743.9	3.49	6.51	3.25
YES	HRDOW								
L0002765		0	0.68000E-06	498449.5	3754662.0	743.7	3.49	6.51	3.25
YES	HRDOW								
L0002766		0	0.68000E-06	498449.1	3754676.0	743.0	3.49	6.51	3.25
YES	HRDOW								
L0002767		0	0.68000E-06	498448.7	3754690.0	742.0	3.49	6.51	3.25
YES	HRDOW								
L0002768		0	0.68000E-06	498448.3	3754704.0	741.8	3.49	6.51	3.25
YES	HRDOW								
L0002769		0	0.68000E-06	498447.8	3754718.0	742.3	3.49	6.51	3.25
YES	HRDOW								
L0002770		0	0.68000E-06	498447.7	3754732.0	742.6	3.49	6.51	3.25
YES	HRDOW								
L0002771		0	0.68000E-06	498447.7	3754746.0	742.6	3.49	6.51	3.25
YES	HRDOW								
L0002772		0	0.68000E-06	498447.7	3754760.0	742.5	3.49	6.51	3.25
YES	HRDOW								
L0002773		0	0.68000E-06	498447.7	3754774.0	742.3	3.49	6.51	3.25
YES	HRDOW								
L0002774		0	0.68000E-06	498447.7	3754788.0	742.1	3.49	6.51	3.25
YES	HRDOW								

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*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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10:46:48

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

L0002775		0	0.68000E-06	498447.7	3754802.0	741.8	3.49	6.51	3.25
YES	HRDOW								
L0002776		0	0.68000E-06	498447.7	3754816.0	741.6	3.49	6.51	3.25
YES	HRDOW								
L0002777		0	0.68000E-06	498447.7	3754830.0	741.8	3.49	6.51	3.25
YES	HRDOW								
L0002778		0	0.68000E-06	498447.7	3754844.0	742.0	3.49	6.51	3.25
YES	HRDOW								
L0002779		0	0.14910E-05	500514.1	3753983.4	777.1	3.49	6.51	3.25
YES	HRDOW								
L0002780		0	0.14910E-05	500528.1	3753982.8	778.0	3.49	6.51	3.25
YES	HRDOW								
L0002781		0	0.14910E-05	500542.1	3753982.2	778.6	3.49	6.51	3.25
YES	HRDOW								
L0002782		0	0.14910E-05	500556.1	3753981.6	779.0	3.49	6.51	3.25
YES	HRDOW								
L0002783		0	0.14910E-05	500570.1	3753981.1	779.2	3.49	6.51	3.25
YES	HRDOW								
L0002784		0	0.14910E-05	500584.1	3753980.5	779.1	3.49	6.51	3.25
YES	HRDOW								
L0002785		0	0.14910E-05	500598.1	3753979.9	779.3	3.49	6.51	3.25
YES	HRDOW								
L0002786		0	0.14910E-05	500612.1	3753979.3	779.7	3.49	6.51	3.25
YES	HRDOW								
L0002787		0	0.14910E-05	500626.0	3753978.7	780.0	3.49	6.51	3.25
YES	HRDOW								
L0002788		0	0.14910E-05	500640.0	3753978.1	780.0	3.49	6.51	3.25
YES	HRDOW								
L0002789		0	0.14910E-05	500654.0	3753977.5	780.1	3.49	6.51	3.25
YES	HRDOW								
L0002790		0	0.14910E-05	500668.0	3753976.9	780.6	3.49	6.51	3.25
YES	HRDOW								
L0002791		0	0.14910E-05	500682.0	3753976.4	780.9	3.49	6.51	3.25
YES	HRDOW								
L0002792		0	0.14910E-05	500696.0	3753975.8	780.0	3.49	6.51	3.25
YES	HRDOW								
L0002793		0	0.14910E-05	500710.0	3753975.2	779.0	3.49	6.51	3.25
YES	HRDOW								
L0002794		0	0.14910E-05	500724.0	3753974.6	778.5	3.49	6.51	3.25
YES	HRDOW								
L0002795		0	0.14910E-05	500737.9	3753974.0	778.0	3.49	6.51	3.25
YES	HRDOW								
L0002796		0	0.14910E-05	500751.9	3753973.4	777.4	3.49	6.51	3.25
YES	HRDOW								
L0002797		0	0.14910E-05	500765.9	3753972.8	776.9	3.49	6.51	3.25
YES	HRDOW								
L0002798		0	0.14910E-05	500779.9	3753972.3	776.4	3.49	6.51	3.25
YES	HRDOW								
L0002799		0	0.14910E-05	500793.9	3753971.7	775.9	3.49	6.51	3.25
YES	HRDOW								
L0002800		0	0.14910E-05	500807.9	3753971.1	775.5	3.49	6.51	3.25
YES	HRDOW								
L0002801		0	0.14910E-05	500821.9	3753970.5	775.2	3.49	6.51	3.25
YES	HRDOW								
L0002802		0	0.14910E-05	500835.9	3753969.9	775.5	3.49	6.51	3.25


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YES   HRDOW
L0002803      0    0.14910E-05  500849.8 3753969.4  776.8    3.49    6.51    3.25
YES   HRDOW
L0002804      0    0.14910E-05  500863.8 3753970.6  777.9    3.49    6.51    3.25
YES   HRDOW
L0002805      0    0.14910E-05  500877.8 3753971.7  778.4    3.49    6.51    3.25
YES   HRDOW
L0002806      0    0.14910E-05  500891.7 3753972.8  778.9    3.49    6.51    3.25
YES   HRDOW
L0002807      0    0.14910E-05  500905.7 3753974.0  779.4    3.49    6.51    3.25
YES   HRDOW
L0002808      0    0.14910E-05  500919.6 3753975.1  779.9    3.49    6.51    3.25
YES   HRDOW
L0002809      0    0.14910E-05  500933.6 3753976.0  780.0    3.49    6.51    3.25
YES   HRDOW
L0002810      0    0.14910E-05  500947.6 3753976.4  780.0    3.49    6.51    3.25
YES   HRDOW
L0002811      0    0.14910E-05  500961.6 3753976.9  780.0    3.49    6.51    3.25
YES   HRDOW
L0002812      0    0.14910E-05  500975.6 3753977.3  780.0    3.49    6.51    3.25
YES   HRDOW
L0002813      0    0.14910E-05  500989.6 3753977.7  780.0    3.49    6.51    3.25
YES   HRDOW
L0002814      0    0.14910E-05  501003.5 3753978.1  780.0    3.49    6.51    3.25
YES   HRDOW
*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op ***          09/08/22
*** AERMET - VERSION 16216 ***
***                                     *** 10:46:48

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

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*** VOLUME SOURCE DATA ***

SOURCE      NUMBER EMISSION RATE      BASE      RELEASE      INIT.      INIT.
SOURCE      PART.  EMISSION RATE      ELEV.      HEIGHT      SY         SZ
ID          SCALAR VARY
(METERS)   CATS.          (GRAMS/SEC)  X          Y          (METERS)  (METERS)  (METERS)  (METERS)
              BY
              (METERS)  (METERS)  (METERS)  (METERS)  (METERS)
- - - - -
L0002815      0    0.14910E-05  501017.5 3753978.5  780.0    3.49    6.51    3.25
YES   HRDOW
L0002816      0    0.14910E-05  501031.5 3753978.9  780.0    3.49    6.51    3.25
YES   HRDOW
L0002817      0    0.14910E-05  501045.5 3753979.3  780.0    3.49    6.51    3.25
YES   HRDOW
L0002818      0    0.14910E-05  501059.5 3753979.7  780.0    3.49    6.51    3.25
YES   HRDOW
L0002819      0    0.14910E-05  501073.5 3753980.1  780.0    3.49    6.51    3.25
YES   HRDOW
L0002820      0    0.14910E-05  501083.6 3753984.3  780.0    3.49    6.51    3.25
YES   HRDOW
L0002821      0    0.14910E-05  501083.4 3753998.3  780.0    3.49    6.51    3.25
YES   HRDOW
L0002822      0    0.14910E-05  501083.2 3754012.3  780.0    3.49    6.51    3.25
YES   HRDOW
L0002823      0    0.14910E-05  501083.1 3754026.3  780.0    3.49    6.51    3.25
YES   HRDOW
L0002824      0    0.14910E-05  501082.9 3754040.3  780.0    3.49    6.51    3.25
YES   HRDOW
L0002825      0    0.14910E-05  501082.7 3754054.3  780.0    3.49    6.51    3.25

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YES	HRDOW								
L0002826		0	0.14910E-05	501082.6	3754068.3	780.0	3.49	6.51	3.25
YES	HRDOW								
L0002827		0	0.14910E-05	501082.4	3754082.3	780.0	3.49	6.51	3.25
YES	HRDOW								
L0002828		0	0.14910E-05	501082.2	3754096.3	780.0	3.49	6.51	3.25
YES	HRDOW								
L0002829		0	0.14910E-05	501082.1	3754110.3	779.7	3.49	6.51	3.25
YES	HRDOW								
L0002830		0	0.14910E-05	501081.9	3754124.3	779.4	3.49	6.51	3.25
YES	HRDOW								
L0002831		0	0.14910E-05	501081.7	3754138.3	779.2	3.49	6.51	3.25
YES	HRDOW								
L0002832		0	0.14910E-05	501082.0	3754152.2	779.0	3.49	6.51	3.25
YES	HRDOW								
L0002833		0	0.14910E-05	501085.9	3754165.7	779.0	3.49	6.51	3.25
YES	HRDOW								
L0002834		0	0.14910E-05	501089.7	3754179.2	779.0	3.49	6.51	3.25
YES	HRDOW								
L0002835		0	0.14910E-05	501093.6	3754192.6	779.0	3.49	6.51	3.25
YES	HRDOW								
L0002836		0	0.14910E-05	501098.4	3754205.7	779.0	3.49	6.51	3.25
YES	HRDOW								
L0002837		0	0.14910E-05	501105.7	3754217.6	779.0	3.49	6.51	3.25
YES	HRDOW								
L0002838		0	0.14910E-05	501112.9	3754229.6	779.0	3.49	6.51	3.25
YES	HRDOW								
L0002839		0	0.14910E-05	501120.2	3754241.6	779.0	3.49	6.51	3.25
YES	HRDOW								
L0002840		0	0.14910E-05	501127.4	3754253.6	779.0	3.49	6.51	3.25
YES	HRDOW								
L0002841		0	0.14910E-05	501134.7	3754265.5	779.1	3.49	6.51	3.25
YES	HRDOW								
L0002842		0	0.14910E-05	501141.9	3754277.5	779.4	3.49	6.51	3.25
YES	HRDOW								
L0002843		0	0.14910E-05	501149.2	3754289.5	779.6	3.49	6.51	3.25
YES	HRDOW								
L0002844		0	0.14910E-05	501156.4	3754301.5	779.9	3.49	6.51	3.25
YES	HRDOW								
L0002845		0	0.14910E-05	501163.7	3754313.4	780.0	3.49	6.51	3.25
YES	HRDOW								
L0002846		0	0.14910E-05	501170.9	3754325.4	780.0	3.49	6.51	3.25
YES	HRDOW								
L0002847		0	0.14910E-05	501178.2	3754337.4	780.0	3.49	6.51	3.25
YES	HRDOW								
L0002848		0	0.14910E-05	501185.4	3754349.4	780.4	3.49	6.51	3.25
YES	HRDOW								
L0002849		0	0.14910E-05	501192.7	3754361.3	780.8	3.49	6.51	3.25
YES	HRDOW								
L0002850		0	0.14910E-05	501199.9	3754373.3	780.8	3.49	6.51	3.25
YES	HRDOW								
L0002851		0	0.14910E-05	501207.2	3754385.3	780.7	3.49	6.51	3.25
YES	HRDOW								
L0002852		0	0.14910E-05	501214.4	3754397.3	780.8	3.49	6.51	3.25
YES	HRDOW								
L0002853		0	0.14910E-05	501221.7	3754409.2	781.0	3.49	6.51	3.25
YES	HRDOW								
L0002854		0	0.14910E-05	501228.9	3754421.2	781.2	3.49	6.51	3.25
YES	HRDOW								

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*** VOLUME SOURCE DATA ***

SOURCE	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION	RATE					
ID	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ
(METERS)	SCALAR VARY		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
	CATS.	BY						
L0002855	0	0.14910E-05	501236.2	3754433.2	781.5	3.49	6.51	3.25
YES HRDOW								
L0002856	0	0.14910E-05	501243.4	3754445.2	781.8	3.49	6.51	3.25
YES HRDOW								
L0002857	0	0.14910E-05	501250.7	3754457.1	782.0	3.49	6.51	3.25
YES HRDOW								
L0002858	0	0.14910E-05	501257.9	3754469.1	782.0	3.49	6.51	3.25
YES HRDOW								
L0002859	0	0.14910E-05	501265.2	3754481.1	782.0	3.49	6.51	3.25
YES HRDOW								
L0002860	0	0.14910E-05	501272.4	3754493.1	782.2	3.49	6.51	3.25
YES HRDOW								
L0002861	0	0.14910E-05	501279.5	3754505.1	782.6	3.49	6.51	3.25
YES HRDOW								
L0002862	0	0.14910E-05	501286.7	3754517.2	783.0	3.49	6.51	3.25
YES HRDOW								
L0002863	0	0.14910E-05	501293.9	3754529.2	783.2	3.49	6.51	3.25
YES HRDOW								
L0002864	0	0.14910E-05	501301.0	3754541.2	783.6	3.49	6.51	3.25
YES HRDOW								
L0002865	0	0.14910E-05	501308.2	3754553.3	783.9	3.49	6.51	3.25
YES HRDOW								
L0002866	0	0.14910E-05	501315.3	3754565.3	784.0	3.49	6.51	3.25
YES HRDOW								
VOL1	0	0.17666E-01	500286.0	3754559.1	779.1	5.00	82.28	1.40
YES HRDOW								

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

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	L0002535 , L0002536 , L0002537 , L0002538 , L0002539 , L0002540 ,
L0002541	, L0002542 ,
	L0002543 , L0002544 , L0002545 , L0002546 , L0002547 , L0002548 ,
	L0002549 , L0002550 ,
	L0002551 , L0002552 , L0002553 , L0002554 , L0002555 , L0002556 ,
	L0002557 , L0002558 ,
	L0002559 , L0002560 , L0002561 , L0002562 , L0002563 , L0002564 ,
	L0002565 , L0002566 ,

L0002567	,	L0002568	,	L0002569	,	L0002570	,	L0002571	,	L0002572	,
L0002573	,	L0002574	,								
L0002575	,	L0002576	,	L0002577	,	L0002578	,	L0002579	,	L0002580	,
L0002581	,	L0002582	,								
L0002583	,	L0002584	,	L0002585	,	L0002586	,	L0002587	,	L0002588	,
L0002589	,	L0002590	,								
L0002591	,	L0002592	,	L0002593	,	L0002594	,	L0002595	,	L0002596	,
L0002597	,	L0002598	,								
L0002599	,	L0002600	,	L0002601	,	L0002602	,	L0002603	,	L0002604	,
L0002605	,	L0002606	,								
L0002607	,	L0002608	,	L0002609	,	L0002610	,	L0002611	,	L0002612	,
L0002613	,	L0002614	,								
L0002615	,	L0002616	,	L0002617	,	L0002618	,	L0002619	,	L0002620	,
L0002621	,	L0002622	,								
L0002623	,	L0002624	,	L0002625	,	L0002626	,	L0002627	,	L0002628	,
L0002629	,	L0002630	,								
L0002631	,	L0002632	,	L0002633	,	L0002634	,	L0002635	,	L0002636	,
L0002637	,	L0002638	,								
L0002639	,	L0002640	,	L0002641	,	L0002642	,	L0002643	,	L0002644	,
L0002645	,	L0002646	,								
L0002647	,	L0002648	,	L0002649	,	L0002650	,	L0002651	,	L0002652	,
L0002653	,	L0002654	,								
L0002655	,	L0002656	,	L0002657	,	L0002658	,	L0002659	,	L0002660	,
L0002661	,	L0002662	,								
L0002663	,	L0002664	,	L0002665	,	L0002666	,	L0002667	,	L0002668	,
L0002669	,	L0002670	,								
L0002671	,	L0002672	,	L0002673	,	L0002674	,	L0002675	,	L0002676	,
L0002677	,	L0002678	,								
L0002679	,	L0002680	,	L0002681	,	L0002682	,	L0002683	,	L0002684	,
L0002685	,	L0002686	,								
L0002687	,	L0002688	,	L0002689	,	L0002690	,	L0002691	,	L0002692	,
L0002693	,	L0002694	,								

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

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

L0002695	,	L0002696	,	L0002697	,	L0002698	,	L0002699	,	L0002700	,
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L0002703	,	L0002704	,	L0002705	,	L0002706	,	L0002707	,	L0002708	,

L0002709	,	L0002710	,				
L0002711	,	L0002712	,	L0002713	,	L0002714	,
L0002717	,	L0002718	,				
L0002719	,	L0002720	,	L0002721	,	L0002722	,
L0002725	,	L0002726	,				
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L0002733	,	L0002734	,				
L0002735	,	L0002736	,	L0002737	,	L0002738	,
L0002741	,	L0002742	,				
L0002743	,	L0002744	,	L0002745	,	L0002746	,
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L0002759	,	L0002760	,	L0002761	,	L0002762	,
L0002765	,	L0002766	,				
L0002767	,	L0002768	,	L0002769	,	L0002770	,
L0002773	,	L0002774	,				
L0002775	,	L0002776	,	L0002777	,	L0002778	,
L0002781	,	L0002782	,				
L0002783	,	L0002784	,	L0002785	,	L0002786	,
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L0002791	,	L0002792	,	L0002793	,	L0002794	,
L0002797	,	L0002798	,				
L0002799	,	L0002800	,	L0002801	,	L0002802	,
L0002805	,	L0002806	,				
L0002807	,	L0002808	,	L0002809	,	L0002810	,
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L0002829	,	L0002830	,				
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L0002853	,	L0002854	,				

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

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

L0002855 , L0002856 , L0002857 , L0002858 , L0002859 , L0002860 ,
L0002861 , L0002862 ,

L0002863 , L0002864 , L0002865 , L0002866 , VOL1 ,

*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

URBAN ID URBAN POP

SOURCE IDs

L0002542 2189641. L0002535 , L0002536 , L0002537 , L0002538 , L0002539 ,
L0002540 , L0002541 ,
L0002543 , L0002544 , L0002545 , L0002546 , L0002547 , L0002548 ,
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L0002671	,	L0002672	,	L0002673	,	L0002674	,	L0002675	,	L0002676	,
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L0002685	,	L0002686	,								
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L0002693	,	L0002694	,								

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

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

URBAN ID	URBAN POP	SOURCE IDs									
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L0002717	,	L0002718	,								
L0002719	,	L0002720	,	L0002721	,	L0002722	,	L0002723	,	L0002724	,
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 L0002845 , L0002846 ,
 L0002847 , L0002848 , L0002849 , L0002850 , L0002851 , L0002852 ,
 L0002853 , L0002854 ,

FF *** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs
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L0002855 , L0002856 , L0002857 , L0002858 , L0002859 , L0002860 ,
 L0002861 , L0002862 ,

L0002863 , L0002864 , L0002865 , L0002866 , VOL1 ,

FF *** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
 Dowling\14410 Op *** 09/08/22
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = L0002535 ; SOURCE TYPE = VOLUME :									
HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DAY OF WEEK = WEEKDAY									
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.1000E+01	10	.1000E+01
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25	.0000E+00


```

.0000E+00  23 .0000E+00  24 .0000E+00
                                DAY OF WEEK = SATURDAY
1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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                                PAGE 18
*** MODELOPTs:  RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = L0002536 ; SOURCE TYPE = VOLUME :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
- - - - -
                                DAY OF WEEK = WEEKDAY
1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SATURDAY
1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
***
                                10:46:48

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

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

SOURCE ID = L0002537 ; SOURCE TYPE = VOLUME :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR

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- - - - -
- - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
*** 10:46:48

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

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

SOURCE ID = L0002538 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
  SCALAR HOUR SCALAR HOUR SCALAR
- - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
*** 10:46:48

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

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

SOURCE ID = L0002539 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00	15	.0000E+00	16	.0000E+00						
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22

*** AERMET - VERSION 16216 ***

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

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

SOURCE ID = L0002540 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
*** 10:46:48

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

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

SOURCE ID = L0002541 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
*** 10:46:48

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

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

SOURCE ID = L0002542 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

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.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = L0002543 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR  HOUR SCALAR  HOUR SCALAR  HOUR SCALAR  HOUR SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
- - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = L0002544 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR  HOUR SCALAR  HOUR SCALAR  HOUR SCALAR  HOUR SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
- - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00

```

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Dowling\14410 Op *** 09/08/22

*** AERMET - VERSION 16216 ***

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

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

SOURCE ID = L0002545 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22

*** AERMET - VERSION 16216 ***

*** 10:46:48

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

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

SOURCE ID = L0002546 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
*** 10:46:48

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

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

SOURCE ID = L0002547 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***

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

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *SOURCE ID = L0002548 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00	15	.0000E+00	16	.0000E+00						
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22

*** AERMET - VERSION 16216 ***

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

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *SOURCE ID = L0002549 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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


```
.0000E+00    7 .0000E+00    8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14
.0000E+00   15 .0000E+00   16 .0000E+00
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op ***          09/08/22
*** AERMET - VERSION 16216 ***
***                                     *** 10:46:48
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = L0002550 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Dowling\14410 Op ***          09/08/22
*** AERMET - VERSION 16216 ***
***                                     *** 10:46:48
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = L0002551 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

```

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

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SOURCE ID = L0002552 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
  SCALAR HOUR SCALAR HOUR SCALAR

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DAY OF WEEK = WEEKDAY

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

```

DAY OF WEEK = SATURDAY

```

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

```

DAY OF WEEK = SUNDAY

```

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

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Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

```

SOURCE ID = L0002553 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
  SCALAR HOUR SCALAR HOUR SCALAR

```

```

                                DAY OF WEEK = WEEKDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .1000E+01 10  .1000E+01 11  .1000E+01 12  .1000E+01 13  .1000E+01 14
.1000E+01 15  .1000E+01 16  .1000E+01
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SATURDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SUNDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = L0002554 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

```

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

```

DAY OF WEEK = SATURDAY

```

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

```

DAY OF WEEK = SUNDAY

```

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

```

```

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Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = L0002555 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00		7	.0000E+00	8	.0000E+00					
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00		15	.0000E+00	16	.0000E+00					
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22

*** AERMET - VERSION 16216 ***

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

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

SOURCE ID = L0002556 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00		7	.0000E+00	8	.0000E+00					
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00		15	.0000E+00	16	.0000E+00					
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
*** 10:46:48

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

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

SOURCE ID = L0002557 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Dowling\14410 Op *** 09/08/22
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = L0002558 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

```
.0000E+00  23 .0000E+00  24 .0000E+00
                                DAY OF WEEK = SUNDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
***                                     *** 10:46:48
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*** MODELOPTs:  RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *
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```
SOURCE ID = L0002559 ; SOURCE TYPE = VOLUME :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
- - - - -
                                DAY OF WEEK = WEEKDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .1000E+01 10  .1000E+01 11  .1000E+01 12  .1000E+01 13  .1000E+01 14
.1000E+01 15  .1000E+01 16  .1000E+01
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SATURDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SUNDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
***                                     *** 10:46:48
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*** MODELOPTs:  RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

```
SOURCE ID = L0002560 ; SOURCE TYPE = VOLUME :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
- - - - -
                                DAY OF WEEK = WEEKDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .1000E+01 10  .1000E+01 11  .1000E+01 12  .1000E+01 13  .1000E+01 14
.1000E+01 15  .1000E+01 16  .1000E+01
```

```

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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                                ***
                                10:46:48

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

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

SOURCE ID = L0002561 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
  SCALAR HOUR SCALAR HOUR SCALAR
- - - - -
- - - - -
                                DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
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Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = L0002562 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
  SCALAR HOUR SCALAR HOUR SCALAR
- - - - -
- - - - -

```

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

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 Dowling\14410 Op *** 09/08/22
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR
L0002563										
; SOURCE TYPE = VOLUME :										
	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR
DAY OF WEEK = WEEKDAY										
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
	.0000E+00	7	.0000E+00	8	.0000E+00					
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
	.1000E+01	15	.1000E+01	16	.1000E+01					
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
	.0000E+00	23	.0000E+00	24	.0000E+00					
DAY OF WEEK = SATURDAY										
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
	.0000E+00	7	.0000E+00	8	.0000E+00					
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
	.0000E+00	15	.0000E+00	16	.0000E+00					
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
	.0000E+00	23	.0000E+00	24	.0000E+00					
DAY OF WEEK = SUNDAY										
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
	.0000E+00	7	.0000E+00	8	.0000E+00					
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
	.0000E+00	15	.0000E+00	16	.0000E+00					
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
	.0000E+00	23	.0000E+00	24	.0000E+00					

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 Dowling\14410 Op *** 09/08/22
 *** AERMET - VERSION 16216 ***

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

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

SOURCE ID = L0002564 ; SOURCE TYPE = VOLUME :

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Dowling\14410 Op *** 09/08/22

*** AERMET - VERSION 16216 ***

10:46:48

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

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

SOURCE ID = L0002565 ; SOURCE TYPE = VOLUME :

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = L0002566 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = L0002567 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

```

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
***
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PAGE 50
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = L0002568 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
-----
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = L0002568 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
-----
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6

```

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Dowling\14410 Op *** 09/08/22

*** AERMET - VERSION 16216 ***

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

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

SOURCE ID = L0002570 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0002571 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0002572 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Dowling\14410 Op *** 09/08/22

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

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

SOURCE ID = L0002573 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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 Dowling\14410 Op *** 09/08/22

*** AERMET - VERSION 16216 ***

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

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

SOURCE ID = L0002574 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
*** 10:46:48
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = L0002575 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
*** 10:46:48
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = L0002576 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

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

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                                DAY OF WEEK = SATURDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SUNDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op ***          09/08/22
*** AERMET - VERSION 16216 ***
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*** MODELOPTs:  RegDFAULT CONC  ELEV  FLGPOL  URBAN  ADJ_U*

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

SOURCE ID = L0002577      ; SOURCE TYPE = VOLUME      :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
- - - - -
                                DAY OF WEEK = WEEKDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .1000E+01 10  .1000E+01 11  .1000E+01 12  .1000E+01 13  .1000E+01 14
.1000E+01 15  .1000E+01 16  .1000E+01
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SATURDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SUNDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op ***          09/08/22
*** AERMET - VERSION 16216 ***
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*** MODELOPTs:  RegDFAULT CONC  ELEV  FLGPOL  URBAN  ADJ_U*

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

SOURCE ID = L0002578      ; SOURCE TYPE = VOLUME      :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
- - - - -

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- - - - -
                                DAY OF WEEK = WEEKDAY
1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SATURDAY
1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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                                PAGE 61
*** MODELOPTs:  RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = L0002579 ; SOURCE TYPE = VOLUME :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
- - - - -
                                DAY OF WEEK = WEEKDAY
1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SATURDAY
1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
***
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                                PAGE 62
*** MODELOPTs:  RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = L0002580 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Dowling\14410 Op *** 09/08/22

*** AERMET - VERSION 16216 ***

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

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

SOURCE ID = L0002581 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
	.0000E+00	15	.0000E+00	16	.0000E+00						
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
*** 10:46:48

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

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

SOURCE ID = L0002582 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = L0002583 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

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17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = L0002584 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
  SCALAR HOUR SCALAR HOUR SCALAR
- - - - -
- - - - -
                                DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = L0002585 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
  SCALAR HOUR SCALAR HOUR SCALAR
- - - - -
- - - - -
                                DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14

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.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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10:46:48

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

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

SOURCE ID = L0002586 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
  SCALAR HOUR SCALAR HOUR SCALAR
- - - - -
- - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = L0002587 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0002589 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00	15	.0000E+00	16	.0000E+00						
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22

*** AERMET - VERSION 16216 ***

10:46:48

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

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

SOURCE ID = L0002590 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

```

  9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13 .0000E+00  14
.0000E+00  15 .0000E+00  16 .0000E+00
17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
FF *** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op ***          09/08/22
*** AERMET - VERSION 16216 ***
***                                     ***          10:46:48
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = L0002591 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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FF *** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op ***          09/08/22
*** AERMET - VERSION 16216 ***
***                                     ***          10:46:48
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = L0002592 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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


```
.0000E+00    7 .0000E+00    8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14
.0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
.0000E+00   23 .0000E+00   24 .0000E+00
                                DAY OF WEEK = SUNDAY
1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14
.0000E+00   15 .0000E+00   16 .0000E+00
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op ***          09/08/22
*** AERMET - VERSION 16216 ***
***                                     *** 10:46:48
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

```
SOURCE ID = L0002593 ; SOURCE TYPE = VOLUME :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
- - - - -
                                DAY OF WEEK = WEEKDAY
1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .0000E+00
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14
.1000E+01   15 .1000E+01   16 .1000E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
.0000E+00   23 .0000E+00   24 .0000E+00
                                DAY OF WEEK = SATURDAY
1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14
.0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
.0000E+00   23 .0000E+00   24 .0000E+00
                                DAY OF WEEK = SUNDAY
1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14
.0000E+00   15 .0000E+00   16 .0000E+00
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op ***          09/08/22
*** AERMET - VERSION 16216 ***
***                                     *** 10:46:48
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

```
SOURCE ID = L0002594 ; SOURCE TYPE = VOLUME :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
- - - - -
                                DAY OF WEEK = WEEKDAY
```

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
.0000E+00	7	.0000E+00	8	.0000E+00							
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
.0000E+00	15	.0000E+00	16	.0000E+00							
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
*** 10:46:48

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

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

SOURCE ID = L0002595 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
.0000E+00	7	.0000E+00	8	.0000E+00							
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
.0000E+00	15	.0000E+00	16	.0000E+00							
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
*** 10:46:48

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

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

(HRDOW) *

SOURCE ID = L0002596 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00		7	.0000E+00	8	.0000E+00					
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00		15	.0000E+00	16	.0000E+00					
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22

*** AERMET - VERSION 16216 ***

10:46:48

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

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

SOURCE ID = L0002597 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00		7	.0000E+00	8	.0000E+00					
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00		15	.0000E+00	16	.0000E+00					
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont

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

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

SOURCE ID = L0002598 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

 *** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont

Dowling\14410 Op *** 09/08/22

*** AERMET - VERSION 16216 ***

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

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

SOURCE ID = L0002599 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Dowling\14410 Op *** 09/08/22
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = L0002600 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = L0002601 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

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.0000E+00  23 .0000E+00  24 .0000E+00
                                DAY OF WEEK = SATURDAY
 1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
 1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
***
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*** MODELOPTs:  RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = L0002602 ; SOURCE TYPE = VOLUME :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
- - - - -
- - - - -
                                DAY OF WEEK = WEEKDAY
 1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SATURDAY
 1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
 1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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*** MODELOPTs:  RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = L0002603 ; SOURCE TYPE = VOLUME :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR

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- - - - -
- - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
*** 10:46:48

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

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

SOURCE ID = L0002604 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
*** 10:46:48

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

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

SOURCE ID = L0002605 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Dowling\14410 Op *** 09/08/22

*** AERMET - VERSION 16216 ***

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

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

SOURCE ID = L0002606 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
*** 10:46:48

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

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

SOURCE ID = L0002607 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
*** 10:46:48

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

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

SOURCE ID = L0002608 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

```
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
*** 10:46:48
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PAGE 91
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

```
SOURCE ID = L0002609 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR  HOUR SCALAR  HOUR SCALAR  HOUR SCALAR  HOUR SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
- - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
*** 10:46:48
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

```
SOURCE ID = L0002610 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR  HOUR SCALAR  HOUR SCALAR  HOUR SCALAR  HOUR SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
- - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
```

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22

*** AERMET - VERSION 16216 ***

*** 10:46:48

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

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

SOURCE ID = L0002611 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22

*** AERMET - VERSION 16216 ***

*** 10:46:48

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

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

```

SOURCE ID = L0002612      ; SOURCE TYPE = VOLUME      :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
  - - - - -
  - - - - -
                                DAY OF WEEK = WEEKDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .1000E+01 10  .1000E+01 11  .1000E+01 12  .1000E+01 13  .1000E+01 14
.1000E+01 15  .1000E+01 16  .1000E+01
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SATURDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SUNDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
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 21112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op ***      09/08/22
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

```

SOURCE ID = L0002613      ; SOURCE TYPE = VOLUME      :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
  - - - - -
  - - - - -
                                DAY OF WEEK = WEEKDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .1000E+01 10  .1000E+01 11  .1000E+01 12  .1000E+01 13  .1000E+01 14
.1000E+01 15  .1000E+01 16  .1000E+01
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SATURDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SUNDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
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 21112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op ***      09/08/22
*** AERMET - VERSION 16216 ***

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

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *SOURCE ID = L0002614 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00	15	.0000E+00	16	.0000E+00						
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22

*** AERMET - VERSION 16216 ***

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

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *SOURCE ID = L0002615 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

```
.0000E+00    7 .0000E+00    8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14
.0000E+00   15 .0000E+00   16 .0000E+00
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op ***          09/08/22
*** AERMET - VERSION 16216 ***
***                                     *** 10:46:48
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = L0002616 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op ***          09/08/22
*** AERMET - VERSION 16216 ***
***                                     *** 10:46:48
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = L0002617 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

```

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
*** 10:46:48

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

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

SOURCE ID = L0002618 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
  SCALAR HOUR SCALAR HOUR SCALAR
- - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
*** 10:46:48

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

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

SOURCE ID = L0002619 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
  SCALAR HOUR SCALAR HOUR SCALAR
- - - - -

```

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0002620 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0002621 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0002622 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0002623 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0002624 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

```
.0000E+00  23 .0000E+00  24 .0000E+00
                                DAY OF WEEK = SUNDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
***                                     *** 10:46:48
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*** MODELOPTs:  RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *
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```
SOURCE ID = L0002625      ; SOURCE TYPE = VOLUME      :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
- - - - -
                                DAY OF WEEK = WEEKDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .1000E+01 10  .1000E+01 11  .1000E+01 12  .1000E+01 13  .1000E+01 14
.1000E+01 15  .1000E+01 16  .1000E+01
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SATURDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SUNDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
***                                     *** 10:46:48
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*** MODELOPTs:  RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

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

```
SOURCE ID = L0002626      ; SOURCE TYPE = VOLUME      :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
- - - - -
                                DAY OF WEEK = WEEKDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .1000E+01 10  .1000E+01 11  .1000E+01 12  .1000E+01 13  .1000E+01 14
.1000E+01 15  .1000E+01 16  .1000E+01
```

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0002627 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0002628 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR

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Dowling\14410 Op ***                09/08/22
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = L0002630 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Dowling\14410 Op *** 09/08/22

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10:46:48

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

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

SOURCE ID = L0002631 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
*** 10:46:48

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

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

SOURCE ID = L0002632 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00	15	.0000E+00	16	.0000E+00						
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
*** 10:46:48

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

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

SOURCE ID = L0002633 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

```

  9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13 .0000E+00  14
.0000E+00  15 .0000E+00  16 .0000E+00
17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                DAY OF WEEK = SUNDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .0000E+00
  9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13 .0000E+00  14
.0000E+00  15 .0000E+00  16 .0000E+00
17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
PR *** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op ***          09/08/22
*** AERMET - VERSION 16216 ***
***                                     *** 10:46:48
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*** MODELOPTs:  RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *
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SOURCE ID = L0002634      ; SOURCE TYPE = VOLUME      :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
  - - - - -
                                DAY OF WEEK = WEEKDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .0000E+00
  9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .1000E+01  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                DAY OF WEEK = SATURDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .0000E+00
  9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13 .0000E+00  14
.0000E+00  15 .0000E+00  16 .0000E+00
17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                DAY OF WEEK = SUNDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .0000E+00
  9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13 .0000E+00  14
.0000E+00  15 .0000E+00  16 .0000E+00
17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
PR *** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op ***          09/08/22
*** AERMET - VERSION 16216 ***
***                                     *** 10:46:48
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*** MODELOPTs:  RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = L0002635      ; SOURCE TYPE = VOLUME      :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
  - - - - -
                                DAY OF WEEK = WEEKDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
```


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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Dowling\14410 Op *** 09/08/22

*** AERMET - VERSION 16216 ***

*** 10:46:48

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

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

SOURCE ID = L0002636 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22

*** AERMET - VERSION 16216 ***

*** 10:46:48

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

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

SOURCE ID = L0002637 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Dowling\14410 Op *** 09/08/22

*** AERMET - VERSION 16216 ***

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

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

SOURCE ID = L0002638 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Dowling\14410 Op *** 09/08/22

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

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

SOURCE ID = L0002639 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6
.0000E+00	7 .0000E+00	8 .0000E+00			
9 .0000E+00	10 .0000E+00	11 .0000E+00	12 .0000E+00	13 .0000E+00	14
.0000E+00	15 .0000E+00	16 .0000E+00			
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
 Dowling\14410 Op *** 09/08/22

*** AERMET - VERSION 16216 ***

10:46:48

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

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

SOURCE ID = L0002640 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

```
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
*** 10:46:48
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = L0002641 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
*** 10:46:48
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = L0002642 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

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

```

                                DAY OF WEEK = SATURDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SUNDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op ***          09/08/22
*** AERMET - VERSION 16216 ***
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10:46:48

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                                PAGE 125
*** MODELOPTs:  RegDFAULT CONC  ELEV  FLGPOL  URBAN  ADJ_U*

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

SOURCE ID = L0002643      ; SOURCE TYPE = VOLUME      :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
- - - - -
                                DAY OF WEEK = WEEKDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .1000E+01 10  .1000E+01 11  .1000E+01 12  .1000E+01 13  .1000E+01 14
.1000E+01 15  .1000E+01 16  .1000E+01
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SATURDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SUNDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op ***          09/08/22
*** AERMET - VERSION 16216 ***
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10:46:48

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                                PAGE 126
*** MODELOPTs:  RegDFAULT CONC  ELEV  FLGPOL  URBAN  ADJ_U*

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

SOURCE ID = L0002644      ; SOURCE TYPE = VOLUME      :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
- - - - -

```

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- - - - -
                                DAY OF WEEK = WEEKDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .1000E+01 10  .1000E+01 11  .1000E+01 12  .1000E+01 13  .1000E+01 14
.1000E+01 15  .1000E+01 16  .1000E+01
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SATURDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SUNDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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***
                                PAGE 127
*** MODELOPTs:  RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = L0002645 ; SOURCE TYPE = VOLUME :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
- - - - -
                                DAY OF WEEK = WEEKDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .1000E+01 10  .1000E+01 11  .1000E+01 12  .1000E+01 13  .1000E+01 14
.1000E+01 15  .1000E+01 16  .1000E+01
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SATURDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SUNDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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                                PAGE 128
*** MODELOPTs:  RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = L0002646 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22

*** AERMET - VERSION 16216 ***

*** 10:46:48

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

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

SOURCE ID = L0002647 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
*** 10:46:48

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

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

SOURCE ID = L0002648 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00	15	.0000E+00	16	.0000E+00						
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
*** 10:46:48

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

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

SOURCE ID = L0002649 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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


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17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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                                10:46:48

                                PAGE 132
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = L0002650 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
  SCALAR HOUR SCALAR HOUR SCALAR
- - - - -
- - - - -
                                DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
***
***
                                ***
                                10:46:48

                                PAGE 133
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = L0002651 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
  SCALAR HOUR SCALAR HOUR SCALAR
- - - - -
- - - - -
                                DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22

*** AERMET - VERSION 16216 ***

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

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

SOURCE ID = L0002652 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22

*** AERMET - VERSION 16216 ***

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

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

SOURCE ID = L0002652 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR						
DAY OF WEEK = WEEKDAY										
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00		7	.0000E+00	8	.0000E+00					
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01		15	.1000E+01	16	.1000E+01					
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00		23	.0000E+00	24	.0000E+00					
DAY OF WEEK = SATURDAY										
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00		7	.0000E+00	8	.0000E+00					
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00		15	.0000E+00	16	.0000E+00					
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00		23	.0000E+00	24	.0000E+00					
DAY OF WEEK = SUNDAY										
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00		7	.0000E+00	8	.0000E+00					
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00		15	.0000E+00	16	.0000E+00					
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00		23	.0000E+00	24	.0000E+00					
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Dowling\14410 Op *** 09/08/22										
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = L0002654	;	SOURCE TYPE = VOLUME	:							
HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR						
DAY OF WEEK = WEEKDAY										
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00		7	.0000E+00	8	.0000E+00					
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01		15	.1000E+01	16	.1000E+01					
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00		23	.0000E+00	24	.0000E+00					
DAY OF WEEK = SATURDAY										
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00		7	.0000E+00	8	.0000E+00					
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00		15	.0000E+00	16	.0000E+00					
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00		23	.0000E+00	24	.0000E+00					
DAY OF WEEK = SUNDAY										
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00		7	.0000E+00	8	.0000E+00					
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00		15	.0000E+00	16	.0000E+00					
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00		23	.0000E+00	24	.0000E+00					
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Dowling\14410 Op *** 09/08/22										
*** AERMET - VERSION 16216 ***										
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = L0002655 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Dowling\14410 Op *** 09/08/22

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

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

SOURCE ID = L0002656 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
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Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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*** 10:46:48
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = L0002657 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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*** 10:46:48
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = L0002658 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

```
.0000E+00    7 .0000E+00    8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14
.0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
.0000E+00   23 .0000E+00   24 .0000E+00
                                DAY OF WEEK = SUNDAY
1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14
.0000E+00   15 .0000E+00   16 .0000E+00
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op ***          09/08/22
*** AERMET - VERSION 16216 ***
***                                     *** 10:46:48
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *
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```
SOURCE ID = L0002659 ; SOURCE TYPE = VOLUME :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
- - - - -
                                DAY OF WEEK = WEEKDAY
1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .0000E+00
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14
.1000E+01   15 .1000E+01   16 .1000E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
.0000E+00   23 .0000E+00   24 .0000E+00
                                DAY OF WEEK = SATURDAY
1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14
.0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
.0000E+00   23 .0000E+00   24 .0000E+00
                                DAY OF WEEK = SUNDAY
1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14
.0000E+00   15 .0000E+00   16 .0000E+00
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op ***          09/08/22
*** AERMET - VERSION 16216 ***
***                                     *** 10:46:48
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *
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```
SOURCE ID = L0002660 ; SOURCE TYPE = VOLUME :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
- - - - -
                                DAY OF WEEK = WEEKDAY
```

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
*** 10:46:48

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

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

SOURCE ID = L0002661 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Dowling\14410 Op *** 09/08/22
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

(HRDOW) *

SOURCE ID = L0002662 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
*** 10:46:48

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

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

SOURCE ID = L0002663 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0002664 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

 *** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont

Dowling\14410 Op *** 09/08/22

*** AERMET - VERSION 16216 ***

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

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

SOURCE ID = L0002665 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = L0002666 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Dowling\14410 Op *** 09/08/22
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = L0002667 ; SOURCE TYPE = VOLUME :

SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	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

DAY OF WEEK = WEEKDAY

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

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.0000E+00  23 .0000E+00  24 .0000E+00
                                DAY OF WEEK = SATURDAY
 1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
 1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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*** MODELOPTs:  RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = L0002668 ; SOURCE TYPE = VOLUME :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
- - - - -
- - - - -
                                DAY OF WEEK = WEEKDAY
 1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SATURDAY
 1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
 1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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*** MODELOPTs:  RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = L0002668 ; SOURCE TYPE = VOLUME :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR

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- - - - -
- - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
*** 10:46:48

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

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

SOURCE ID = L0002670 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
  SCALAR HOUR SCALAR HOUR SCALAR
- - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
*** 10:46:48

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

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

SOURCE ID = L0002671 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Dowling\14410 Op *** 09/08/22

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

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

SOURCE ID = L0002672 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
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Dowling\14410 Op *** 09/08/22
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = L0002673 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Dowling\14410 Op *** 09/08/22
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = L0002674 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

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.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = L0002675 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
  SCALAR HOUR SCALAR HOUR SCALAR
- - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = L0002676 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
  SCALAR HOUR SCALAR HOUR SCALAR
- - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Dowling\14410 Op *** 09/08/22

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

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

SOURCE ID = L0002677 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Dowling\14410 Op *** 09/08/22

*** AERMET - VERSION 16216 ***

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

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

SOURCE ID = L0002678 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = L0002679 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Dowling\14410 Op *** 09/08/22
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *SOURCE ID = L0002680 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00	15	.0000E+00	16	.0000E+00						
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22

*** AERMET - VERSION 16216 ***

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

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *SOURCE ID = L0002681 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

```
.0000E+00    7 .0000E+00    8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14
.0000E+00   15 .0000E+00   16 .0000E+00
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op ***          09/08/22
*** AERMET - VERSION 16216 ***
***                                     *** 10:46:48
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = L0002682 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op ***          09/08/22
*** AERMET - VERSION 16216 ***
***                                     *** 10:46:48
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = L0002683 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

```

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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10:46:48

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

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

SOURCE ID = L0002684 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR  HOUR SCALAR  HOUR SCALAR  HOUR SCALAR  HOUR SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
  -----
  -----
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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10:46:48

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

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

SOURCE ID = L0002685 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR  HOUR SCALAR  HOUR SCALAR  HOUR SCALAR  HOUR SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
  -----
  -----

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```

                                DAY OF WEEK = WEEKDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .1000E+01 10  .1000E+01 11  .1000E+01 12  .1000E+01 13  .1000E+01 14
.1000E+01 15  .1000E+01 16  .1000E+01
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SATURDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SUNDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

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SOURCE ID = L0002686 ; SOURCE TYPE = VOLUME :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
- - - - -
- - - - -

```

DAY OF WEEK = WEEKDAY

```

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

```

DAY OF WEEK = SATURDAY

```

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

```

DAY OF WEEK = SUNDAY

```

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

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*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = L0002687 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00		7	.0000E+00	8	.0000E+00					
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00		15	.0000E+00	16	.0000E+00					
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22

*** AERMET - VERSION 16216 ***

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

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

SOURCE ID = L0002688 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00		7	.0000E+00	8	.0000E+00					
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00		15	.0000E+00	16	.0000E+00					
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
*** 10:46:48

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

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

SOURCE ID = L0002689 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00		7	.0000E+00	8	.0000E+00					
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00		15	.0000E+00	16	.0000E+00					
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
*** 10:46:48

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

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

SOURCE ID = L0002690 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00		7	.0000E+00	8	.0000E+00					
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.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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.0000E+00  23 .0000E+00  24 .0000E+00
                                DAY OF WEEK = SUNDAY
 1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
***                                     *** 10:46:48
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*** MODELOPTs:  RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *
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```
SOURCE ID = L0002691 ; SOURCE TYPE = VOLUME :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
- - - - -
                                DAY OF WEEK = WEEKDAY
 1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SATURDAY
 1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
 1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
***                                     *** 10:46:48
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PAGE 174
*** MODELOPTs:  RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *
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SOURCE ID = L0002692 ; SOURCE TYPE = VOLUME :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
- - - - -
                                DAY OF WEEK = WEEKDAY
 1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
```



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17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
***
                                ***
                                10:46:48

                                PAGE 175
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = L0002693 ; SOURCE TYPE = VOLUME :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
- - - - -
- - - - -
                                DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
***
                                ***
                                10:46:48

                                PAGE 176
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = L0002694 ; SOURCE TYPE = VOLUME :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR

```

DAY OF WEEK = SATURDAY

DAY OF WEEK = SUNDAY

```

PF *** AERMOD - VERSION 21112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op ***                    09/08/22
*** AERMET - VERSION 16216 ***
***                                     *** 10.46.4

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ U*

SOURCE ID = L0002695				; SOURCE TYPE = VOLUME				:			
SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR
SCALAR	HOUR	SCALAR	HOUR	SCALAR							

DAY OF WEEK = SATURDAY

DAY OF WEEK = SUNDAY

```

*** AERMOT - VERSION 21112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op ***                09/08/22
*** AERMET - VERSION 16216 ***
***
***

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

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

SOURCE ID = L0002696 ; SOURCE TYPE = VOLUME :

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00	15	.0000E+00	16	.0000E+00						
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22

*** AERMET - VERSION 16216 ***

10:46:48

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

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

SOURCE ID = L0002697 ; SOURCE TYPE = VOLUME :

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
*** 10:46:48

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

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

SOURCE ID = L0002698 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00	15	.0000E+00	16	.0000E+00						
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
*** 10:46:48

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

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

SOURCE ID = L0002699 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

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  9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13 .0000E+00  14
.0000E+00  15 .0000E+00  16 .0000E+00
17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                DAY OF WEEK = SUNDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
  9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13 .0000E+00  14
.0000E+00  15 .0000E+00  16 .0000E+00
17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
PR *** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op ***          09/08/22
*** AERMET - VERSION 16216 ***
***                                     ***          10:46:48

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                                PAGE 182
*** MODELOPTs:  RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = L0002700      ; SOURCE TYPE = VOLUME      :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
  - - - - -
                                DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
  9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .1000E+01  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                DAY OF WEEK = SATURDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
  9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13 .0000E+00  14
.0000E+00  15 .0000E+00  16 .0000E+00
17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                DAY OF WEEK = SUNDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
  9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13 .0000E+00  14
.0000E+00  15 .0000E+00  16 .0000E+00
17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
PR *** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op ***          09/08/22
*** AERMET - VERSION 16216 ***
***                                     ***          10:46:48

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

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

SOURCE ID = L0002701      ; SOURCE TYPE = VOLUME      :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
  - - - - -
                                DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6

```

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22

*** AERMET - VERSION 16216 ***

10:46:48

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

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

SOURCE ID = L0002702 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22

*** AERMET - VERSION 16216 ***

10:46:48

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

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

SOURCE ID = L0002703 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22

*** AERMET - VERSION 16216 ***

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

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

SOURCE ID = L0002704 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Dowling\14410 Op *** 09/08/22

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

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

SOURCE ID = L0002705 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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 Dowling\14410 Op *** 09/08/22

*** AERMET - VERSION 16216 ***

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

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

SOURCE ID = L0002706 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY


```
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = L0002707 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = L0002708 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

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

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

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

*** AERMET - VERSION 16216 ***

*** 10:46:48

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*** MODELOPTs:      ReqDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ  U*
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SOURCE ID = L0002709				; SOURCE TYPE = VOLUME				:			
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
SCALAR	HOUR	SCALAR	HOUR	SCALAR							

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

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

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

*** AERMET - VERSION 16216 ***

*** 10:46:48

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*** MODELOPTs:      RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ  U*
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SOURCE ID = L0002710				; SOURCE TYPE = VOLUME				:			
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
SCALAR	HOUR	SCALAR	HOUR	SCALAR							

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- - - - -
                                DAY OF WEEK = WEEKDAY
1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SATURDAY
1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
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Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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***
                                PAGE 193
*** MODELOPTs:  RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = L0002711 ; SOURCE TYPE = VOLUME :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
- - - - -
                                DAY OF WEEK = WEEKDAY
1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SATURDAY
1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
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Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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                                PAGE 194
*** MODELOPTs:  RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = L0002712 ; 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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Dowling\14410 Op *** 09/08/22

*** AERMET - VERSION 16216 ***

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

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

SOURCE ID = L0002713 ; 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
*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
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*** 10:46:48

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

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

SOURCE ID = L0002714 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = L0002715 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

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17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = L0002716 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
  SCALAR HOUR SCALAR HOUR SCALAR
- - - - -
- - - - -
                                DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = L0002717 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
  SCALAR HOUR SCALAR HOUR SCALAR
- - - - -
- - - - -
                                DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14

```

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Dowling\14410 Op *** 09/08/22

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

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

SOURCE ID = L0002718 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0002719 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR						

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0002720 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR						

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

SOURCE ID = L0002721 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Dowling\14410 Op *** 09/08/22

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

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

SOURCE ID = L0002722 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
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Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
*** 10:46:48

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

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

SOURCE ID = L0002723 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6
.0000E+00	7 .0000E+00	8 .0000E+00			
9 .0000E+00	10 .0000E+00	11 .0000E+00	12 .0000E+00	13 .0000E+00	14
.0000E+00	15 .0000E+00	16 .0000E+00			
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = L0002724 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

```
.0000E+00    7 .0000E+00    8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14
.0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
.0000E+00   23 .0000E+00   24 .0000E+00
                                DAY OF WEEK = SUNDAY
1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14
.0000E+00   15 .0000E+00   16 .0000E+00
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op ***          09/08/22
*** AERMET - VERSION 16216 ***
***                                     *** 10:46:48
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *
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```
SOURCE ID = L0002725 ; SOURCE TYPE = VOLUME :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
- - - - -
                                DAY OF WEEK = WEEKDAY
1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .0000E+00
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14
.1000E+01   15 .1000E+01   16 .1000E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
.0000E+00   23 .0000E+00   24 .0000E+00
                                DAY OF WEEK = SATURDAY
1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14
.0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
.0000E+00   23 .0000E+00   24 .0000E+00
                                DAY OF WEEK = SUNDAY
1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14
.0000E+00   15 .0000E+00   16 .0000E+00
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op ***          09/08/22
*** AERMET - VERSION 16216 ***
***                                     *** 10:46:48
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

```
SOURCE ID = L0002726 ; SOURCE TYPE = VOLUME :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
- - - - -
                                DAY OF WEEK = WEEKDAY
```

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
*** 10:46:48

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

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

SOURCE ID = L0002727 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

(HRDOW) *

SOURCE ID = L0002728 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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Dowling\14410 Op *** 09/08/22

*** AERMET - VERSION 16216 ***

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

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

SOURCE ID = L0002729 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont

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

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

SOURCE ID = L0002730 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

 *** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont

Dowling\14410 Op *** 09/08/22

*** AERMET - VERSION 16216 ***

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

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

SOURCE ID = L0002731 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

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1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
FF *** AERMOT - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
*** *** 10:46:48

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

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*** AERMOT - VERSION 21112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op ***                09/08/22
*** AERMET - VERSION 16216 ***
***                                     *** 10:46:48

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

DAY OF WEEK		WEEKDAY		WEEKEND							
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
25	.0000E+00	26	.0000E+00	27	.0000E+00	28	.0000E+00	29	.0000E+00	30	.0000E+00
31	.0000E+00	32	.0000E+00	33	.0000E+00	34	.0000E+00	35	.0000E+00	36	.0000E+00
37	.0000E+00	38	.0000E+00	39	.0000E+00	40	.0000E+00	41	.0000E+00	42	.0000E+00
43	.0000E+00	44	.0000E+00	45	.0000E+00	46	.0000E+00	47	.0000E+00	48	.0000E+00
49	.0000E+00	50	.0000E+00	51	.0000E+00	52	.0000E+00	53	.0000E+00	54	.0000E+00
55	.0000E+00	56	.0000E+00	57	.0000E+00	58	.0000E+00	59	.0000E+00	60	.0000E+00
61	.0000E+00	62	.0000E+00	63	.0000E+00	64	.0000E+00	65	.0000E+00	66	.0000E+00
67	.0000E+00	68	.0000E+00	69	.0000E+00	70	.0000E+00	71	.0000E+00	72	.0000E+00
73	.0000E+00	74	.0000E+00	75	.0000E+00	76	.0000E+00	77	.0000E+00	78	.0000E+00
79	.0000E+00	80	.0000E+00	81	.0000E+00	82	.0000E+00	83	.0000E+00	84	.0000E+00
85	.0000E+00	86	.0000E+00	87	.0000E+00	88	.0000E+00	89	.0000E+00	90	.0000E+00
91	.0000E+00	92	.0000E+00	93	.0000E+00	94	.0000E+00	95	.0000E+00	96	.0000E+00
97	.0000E+00	98	.0000E+00	99	.0000E+00	100	.0000E+00	101	.0000E+00	102	.0000E+00
103	.0000E+00	104	.0000E+00	105	.0000E+00	106	.0000E+00	107	.0000E+00	108	.0000E+00
109	.0000E+00	110	.0000E+00	111	.0000E+00	112	.0000E+00	113	.0000E+00	114	.0000E+00
115	.0000E+00	116	.0000E+00	117	.0000E+00	118	.0000E+00	119	.0000E+00	120	.0000E+00
121	.0000E+00	122	.0000E+00	123	.0000E+00	124	.0000E+00	125	.0000E+00	126	.0000E+00
127	.0000E+00	128	.0000E+00	129	.0000E+00	130	.0000E+00	131	.0000E+00	132	.0000E+00
133	.0000E+00	134	.0000E+00	135	.0000E+00	136	.0000E+00	137	.0000E+00	138	.0000E+00
139	.0000E+00	140	.0000E+00	141	.0000E+00	142	.0000E+00	143	.0000E+00	144	.0000E+00
145	.0000E+00	146	.0000E+00	147	.0000E+00	148	.0000E+00	149	.0000E+00	150	.0000E+00
151	.0000E+00	152	.0000E+00	153	.0000E+00	154	.0000E+00	155	.0000E+00	156	.0000E+00
157	.0000E+00	158	.0000E+00	159	.0000E+00	160	.0000E+00	161	.0000E+00	162	.0000E+00
163	.0000E+00	164	.0000E+00	165	.0000E+00	166	.0000E+00	167	.0000E+00	168	.0000E+00
169	.0000E+00	170	.0000E+00	171	.0000E+00	172	.00				

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.0000E+00  23 .0000E+00  24 .0000E+00
                                DAY OF WEEK = SATURDAY
1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
***
                                10:46:48

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

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

SOURCE ID = L0002734 ; SOURCE TYPE = VOLUME :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
- - - - -
                                DAY OF WEEK = WEEKDAY
1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SATURDAY
1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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                                10:46:48

                                PAGE 217
*** MODELOPTs:  RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

SOURCE ID = L0002735 ; SOURCE TYPE = VOLUME :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR

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- - - - -
- - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
*** 10:46:48

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

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

SOURCE ID = L0002736 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR  HOUR SCALAR  HOUR SCALAR  HOUR SCALAR  HOUR SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
- - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
*** 10:46:48

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

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

SOURCE ID = L0002737 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00	15	.0000E+00	16	.0000E+00						
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22

*** AERMET - VERSION 16216 ***

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

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

SOURCE ID = L0002738 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
*** 10:46:48

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002739 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
*** 10:46:48

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002740 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14

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.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002741 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
  SCALAR HOUR SCALAR HOUR SCALAR
- - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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10:46:48

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002742 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
  SCALAR HOUR SCALAR HOUR SCALAR
- - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00

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9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22

*** AERMET - VERSION 16216 ***

*** 10:46:48

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002743 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22

*** AERMET - VERSION 16216 ***

*** 10:46:48

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

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SOURCE ID = L0002744      ; SOURCE TYPE = VOLUME      :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - -
- - - - -
                                DAY OF WEEK = WEEKDAY
  1  .0000E+00   2  .0000E+00   3  .0000E+00   4  .0000E+00   5  .0000E+00   6
  .0000E+00   7  .0000E+00   8  .0000E+00
  9  .1000E+01  10  .1000E+01  11  .1000E+01  12  .1000E+01  13  .1000E+01  14
  .1000E+01  15  .1000E+01  16  .1000E+01
  17 .0000E+00  18  .0000E+00  19  .0000E+00  20  .0000E+00  21  .0000E+00  22
  .0000E+00  23  .0000E+00  24  .0000E+00
                                DAY OF WEEK = SATURDAY
  1  .0000E+00   2  .0000E+00   3  .0000E+00   4  .0000E+00   5  .0000E+00   6
  .0000E+00   7  .0000E+00   8  .0000E+00
  9  .0000E+00  10  .0000E+00  11  .0000E+00  12  .0000E+00  13  .0000E+00  14
  .0000E+00  15  .0000E+00  16  .0000E+00
  17 .0000E+00  18  .0000E+00  19  .0000E+00  20  .0000E+00  21  .0000E+00  22
  .0000E+00  23  .0000E+00  24  .0000E+00
                                DAY OF WEEK = SUNDAY
  1  .0000E+00   2  .0000E+00   3  .0000E+00   4  .0000E+00   5  .0000E+00   6
  .0000E+00   7  .0000E+00   8  .0000E+00
  9  .0000E+00  10  .0000E+00  11  .0000E+00  12  .0000E+00  13  .0000E+00  14
  .0000E+00  15  .0000E+00  16  .0000E+00
  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 21112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op ***      09/08/22
*** AERMET - VERSION 16216 ***
***                                     ***      10:46:48
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                                PAGE 227
*** MODELOPTs:   RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002745      ; SOURCE TYPE = VOLUME      :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - -
- - - - -
                                DAY OF WEEK = WEEKDAY
  1  .0000E+00   2  .0000E+00   3  .0000E+00   4  .0000E+00   5  .0000E+00   6
  .0000E+00   7  .0000E+00   8  .0000E+00
  9  .1000E+01  10  .1000E+01  11  .1000E+01  12  .1000E+01  13  .1000E+01  14
  .1000E+01  15  .1000E+01  16  .1000E+01
  17 .0000E+00  18  .0000E+00  19  .0000E+00  20  .0000E+00  21  .0000E+00  22
  .0000E+00  23  .0000E+00  24  .0000E+00
                                DAY OF WEEK = SATURDAY
  1  .0000E+00   2  .0000E+00   3  .0000E+00   4  .0000E+00   5  .0000E+00   6
  .0000E+00   7  .0000E+00   8  .0000E+00
  9  .0000E+00  10  .0000E+00  11  .0000E+00  12  .0000E+00  13  .0000E+00  14
  .0000E+00  15  .0000E+00  16  .0000E+00
  17 .0000E+00  18  .0000E+00  19  .0000E+00  20  .0000E+00  21  .0000E+00  22
  .0000E+00  23  .0000E+00  24  .0000E+00
                                DAY OF WEEK = SUNDAY
  1  .0000E+00   2  .0000E+00   3  .0000E+00   4  .0000E+00   5  .0000E+00   6
  .0000E+00   7  .0000E+00   8  .0000E+00
  9  .0000E+00  10  .0000E+00  11  .0000E+00  12  .0000E+00  13  .0000E+00  14
  .0000E+00  15  .0000E+00  16  .0000E+00
  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 21112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op ***      09/08/22
*** AERMET - VERSION 16216 ***
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10:46:48

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *SOURCE ID = L0002746 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
.0000E+00		7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
.1000E+01		15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
.0000E+00		23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
.0000E+00		7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
.0000E+00		15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
.0000E+00		23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
.0000E+00		7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
.0000E+00		15	.0000E+00	16	.0000E+00						
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *SOURCE ID = L0002747 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
.0000E+00		7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
.1000E+01		15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
.0000E+00		23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
.0000E+00		7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
.0000E+00		15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
.0000E+00		23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	

```
.0000E+00    7 .0000E+00    8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14
.0000E+00   15 .0000E+00   16 .0000E+00
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op ***          09/08/22
*** AERMET - VERSION 16216 ***
***                                     *** 10:46:48
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002748 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

```
1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .0000E+00
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14
.1000E+01   15 .1000E+01   16 .1000E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
.0000E+00   23 .0000E+00   24 .0000E+00
```

DAY OF WEEK = SATURDAY

```
1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14
.0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
.0000E+00   23 .0000E+00   24 .0000E+00
```

DAY OF WEEK = SUNDAY

```
1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14
.0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
.0000E+00   23 .0000E+00   24 .0000E+00
```

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*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op ***          09/08/22
*** AERMET - VERSION 16216 ***
***                                     *** 10:46:48
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002749 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

```
1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .0000E+00
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14
.1000E+01   15 .1000E+01   16 .1000E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
.0000E+00   23 .0000E+00   24 .0000E+00
```

DAY OF WEEK = SATURDAY


```
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
*** 10:46:48
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002750 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

```
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
```

DAY OF WEEK = SATURDAY

```
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
```

DAY OF WEEK = SUNDAY

```
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
```

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*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
*** 10:46:48
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002751 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

```

                                DAY OF WEEK = WEEKDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .1000E+01 10  .1000E+01 11  .1000E+01 12  .1000E+01 13  .1000E+01 14
.1000E+01 15  .1000E+01 16  .1000E+01
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SATURDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SUNDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
***
***
                                PAGE 234
*** MODELOPTs:  RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002752      ; SOURCE TYPE = VOLUME      :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
- - - - -
                                DAY OF WEEK = WEEKDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .1000E+01 10  .1000E+01 11  .1000E+01 12  .1000E+01 13  .1000E+01 14
.1000E+01 15  .1000E+01 16  .1000E+01
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SATURDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SUNDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
***
***
                                PAGE 235
*** MODELOPTs:  RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002753 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR
SCALAR	HOUR	SCALAR	HOUR	SCALAR						

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00		7	.0000E+00	8	.0000E+00					
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01		15	.1000E+01	16	.1000E+01					
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00		23	.0000E+00	24	.0000E+00					

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00		7	.0000E+00	8	.0000E+00					
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00		15	.0000E+00	16	.0000E+00					
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00		23	.0000E+00	24	.0000E+00					

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00		7	.0000E+00	8	.0000E+00					
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00		15	.0000E+00	16	.0000E+00					
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22

*** AERMET - VERSION 16216 ***

10:46:48

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002754 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR
SCALAR	HOUR	SCALAR	HOUR	SCALAR						

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00		7	.0000E+00	8	.0000E+00					
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01		15	.1000E+01	16	.1000E+01					
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00		23	.0000E+00	24	.0000E+00					

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00		7	.0000E+00	8	.0000E+00					
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00		15	.0000E+00	16	.0000E+00					
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00		23	.0000E+00	24	.0000E+00					

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00		7	.0000E+00	8	.0000E+00					
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00		15	.0000E+00	16	.0000E+00					
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002755 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR
SCALAR	HOUR	SCALAR	HOUR	SCALAR						

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00		7	.0000E+00	8	.0000E+00					
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01		15	.1000E+01	16	.1000E+01					
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00		23	.0000E+00	24	.0000E+00					

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00		7	.0000E+00	8	.0000E+00					
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00		15	.0000E+00	16	.0000E+00					
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00		23	.0000E+00	24	.0000E+00					

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00		7	.0000E+00	8	.0000E+00					
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00		15	.0000E+00	16	.0000E+00					
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00		23	.0000E+00	24	.0000E+00					

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Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
*** 10:46:48

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002756 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR
SCALAR	HOUR	SCALAR	HOUR	SCALAR						

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00		7	.0000E+00	8	.0000E+00					
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01		15	.1000E+01	16	.1000E+01					
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00		23	.0000E+00	24	.0000E+00					

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00		7	.0000E+00	8	.0000E+00					
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00		15	.0000E+00	16	.0000E+00					
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22

```
.0000E+00  23 .0000E+00  24 .0000E+00
                                DAY OF WEEK = SUNDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
***                                     *** 10:46:48
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                                PAGE 239
*** MODELOPTs:  RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002757      ; SOURCE TYPE = VOLUME      :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
- - - - -
                                DAY OF WEEK = WEEKDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .1000E+01 10  .1000E+01 11  .1000E+01 12  .1000E+01 13  .1000E+01 14
.1000E+01 15  .1000E+01 16  .1000E+01
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SATURDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SUNDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
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Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
***                                     *** 10:46:48
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*** MODELOPTs:  RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002758      ; SOURCE TYPE = VOLUME      :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
- - - - -
                                DAY OF WEEK = WEEKDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .1000E+01 10  .1000E+01 11  .1000E+01 12  .1000E+01 13  .1000E+01 14
.1000E+01 15  .1000E+01 16  .1000E+01
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17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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                                10:46:48

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002759 ; SOURCE TYPE = VOLUME :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
- - - - -
- - - - -
                                DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002760 ; SOURCE TYPE = VOLUME :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR

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*** AERMOD - VERSION 21112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op ***                09/08/22
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002762 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR
SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
.0000E+00	7	.0000E+00	8	.0000E+00							
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
.1000E+01	15	.1000E+01	16	.1000E+01							
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
.0000E+00	23	.0000E+00	24	.0000E+00							

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
.0000E+00	7	.0000E+00	8	.0000E+00							
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
.0000E+00	15	.0000E+00	16	.0000E+00							
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
.0000E+00	23	.0000E+00	24	.0000E+00							

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
.0000E+00	7	.0000E+00	8	.0000E+00							
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
.0000E+00	15	.0000E+00	16	.0000E+00							
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
.0000E+00	23	.0000E+00	24	.0000E+00							

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Dowling\14410 Op *** 09/08/22

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002763 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR
SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
.0000E+00	7	.0000E+00	8	.0000E+00							
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
.1000E+01	15	.1000E+01	16	.1000E+01							
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
.0000E+00	23	.0000E+00	24	.0000E+00							

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
.0000E+00	7	.0000E+00	8	.0000E+00							
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
.0000E+00	15	.0000E+00	16	.0000E+00							
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
.0000E+00	23	.0000E+00	24	.0000E+00							

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
.0000E+00	7	.0000E+00	8	.0000E+00							
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	

.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
*** 10:46:48

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002764 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00	15	.0000E+00	16	.0000E+00						
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
*** 10:46:48

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002765 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						

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  9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13 .0000E+00  14
.0000E+00  15 .0000E+00  16 .0000E+00
17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                DAY OF WEEK = SUNDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .0000E+00
  9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13 .0000E+00  14
.0000E+00  15 .0000E+00  16 .0000E+00
17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
PR *** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op ***          09/08/22
*** AERMET - VERSION 16216 ***
***                                     *** 10:46:48
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*** MODELOPTs:  RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *
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SOURCE ID = L0002766      ; SOURCE TYPE = VOLUME      :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
  - - - - -
                                DAY OF WEEK = WEEKDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .0000E+00
  9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .1000E+01  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                DAY OF WEEK = SATURDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .0000E+00
  9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13 .0000E+00  14
.0000E+00  15 .0000E+00  16 .0000E+00
17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                DAY OF WEEK = SUNDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .0000E+00
  9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13 .0000E+00  14
.0000E+00  15 .0000E+00  16 .0000E+00
17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
PR *** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op ***          09/08/22
*** AERMET - VERSION 16216 ***
***                                     *** 10:46:48
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*** MODELOPTs:  RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *
```

```

SOURCE ID = L0002767      ; SOURCE TYPE = VOLUME      :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
  - - - - -
                                DAY OF WEEK = WEEKDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
```

.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002768 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002769 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00	15	.0000E+00	16	.0000E+00						
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002770 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

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Dowling\14410 Op *** 09/08/22

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002771 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
	.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
	.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
	.0000E+00	15	.0000E+00	16	.0000E+00						
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
 Dowling\14410 Op *** 09/08/22

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002772 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
	.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
	.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SUNDAY

```
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
*** 10:46:48
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002773 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6
.0000E+00	7 .0000E+00	8 .0000E+00			
9 .1000E+01	10 .1000E+01	11 .1000E+01	12 .1000E+01	13 .1000E+01	14
.1000E+01	15 .1000E+01	16 .1000E+01			
17 .0000E+00	18 .0000E+00	19 .0000E+00	20 .0000E+00	21 .0000E+00	22
.0000E+00	23 .0000E+00	24 .0000E+00			

DAY OF WEEK = SATURDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6
.0000E+00	7 .0000E+00	8 .0000E+00			
9 .0000E+00	10 .0000E+00	11 .0000E+00	12 .0000E+00	13 .0000E+00	14
.0000E+00	15 .0000E+00	16 .0000E+00			
17 .0000E+00	18 .0000E+00	19 .0000E+00	20 .0000E+00	21 .0000E+00	22
.0000E+00	23 .0000E+00	24 .0000E+00			

DAY OF WEEK = SUNDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6
.0000E+00	7 .0000E+00	8 .0000E+00			
9 .0000E+00	10 .0000E+00	11 .0000E+00	12 .0000E+00	13 .0000E+00	14
.0000E+00	15 .0000E+00	16 .0000E+00			
17 .0000E+00	18 .0000E+00	19 .0000E+00	20 .0000E+00	21 .0000E+00	22
.0000E+00	23 .0000E+00	24 .0000E+00			

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*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
*** 10:46:48
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002774 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6
.0000E+00	7 .0000E+00	8 .0000E+00			
9 .1000E+01	10 .1000E+01	11 .1000E+01	12 .1000E+01	13 .1000E+01	14
.1000E+01	15 .1000E+01	16 .1000E+01			
17 .0000E+00	18 .0000E+00	19 .0000E+00	20 .0000E+00	21 .0000E+00	22
.0000E+00	23 .0000E+00	24 .0000E+00			

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                                DAY OF WEEK = SATURDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SUNDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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10:46:48

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                                PAGE 257
*** MODELOPTs:  RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002775 ; SOURCE TYPE = VOLUME :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
- - - - -
                                DAY OF WEEK = WEEKDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .1000E+01 10  .1000E+01 11  .1000E+01 12  .1000E+01 13  .1000E+01 14
.1000E+01 15  .1000E+01 16  .1000E+01
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SATURDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SUNDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
***
***
10:46:48

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                                PAGE 258
*** MODELOPTs:  RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002776 ; SOURCE TYPE = VOLUME :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
- - - - -

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- - - - -
                                DAY OF WEEK = WEEKDAY
1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SATURDAY
1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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***
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*** MODELOPTs:  RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002777 ; SOURCE TYPE = VOLUME :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
- - - - -
                                DAY OF WEEK = WEEKDAY
1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SATURDAY
1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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***
                                PAGE 260
*** MODELOPTs:  RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002778 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR
SCALAR	HOUR	SCALAR	HOUR	SCALAR						

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
	.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
	.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
	.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

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Dowling\14410 Op *** 09/08/22

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002779 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR
SCALAR	HOUR	SCALAR	HOUR	SCALAR						

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
	.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
	.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
	.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	

.0000E+00 23 .0000E+00 24 .0000E+00
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Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002780 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

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Dowling\14410 Op *** 09/08/22
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002781 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00	15	.0000E+00	16	.0000E+00						

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17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002782 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
  SCALAR HOUR SCALAR HOUR SCALAR
- - - - -
- - - - -
                                DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
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Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002783 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
  SCALAR HOUR SCALAR HOUR SCALAR
- - - - -
- - - - -
                                DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14

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.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002784 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002785 ; SOURCE TYPE = VOLUME :

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002787 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR
SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
.0000E+00	7	.0000E+00	8	.0000E+00							
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
.1000E+01	15	.1000E+01	16	.1000E+01							
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
.0000E+00	23	.0000E+00	24	.0000E+00							

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
.0000E+00	7	.0000E+00	8	.0000E+00							
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
.0000E+00	15	.0000E+00	16	.0000E+00							
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
.0000E+00	23	.0000E+00	24	.0000E+00							

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
.0000E+00	7	.0000E+00	8	.0000E+00							
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
.0000E+00	15	.0000E+00	16	.0000E+00							
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
.0000E+00	23	.0000E+00	24	.0000E+00							

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Dowling\14410 Op *** 09/08/22

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002788 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR
SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
.0000E+00	7	.0000E+00	8	.0000E+00							
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
.1000E+01	15	.1000E+01	16	.1000E+01							
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
.0000E+00	23	.0000E+00	24	.0000E+00							

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
.0000E+00	7	.0000E+00	8	.0000E+00							
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
.0000E+00	15	.0000E+00	16	.0000E+00							
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
.0000E+00	23	.0000E+00	24	.0000E+00							

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
.0000E+00	7	.0000E+00	8	.0000E+00							

```

  9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13 .0000E+00  14
.0000E+00  15 .0000E+00  16 .0000E+00
17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op ***          09/08/22
*** AERMET - VERSION 16216 ***
***                                     *** 10:46:48
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002789 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

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*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op ***          09/08/22
*** AERMET - VERSION 16216 ***
***                                     *** 10:46:48
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002790 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6

```
.0000E+00      7 .0000E+00      8 .0000E+00
9 .0000E+00     10 .0000E+00     11 .0000E+00     12 .0000E+00     13 .0000E+00     14
.0000E+00     15 .0000E+00     16 .0000E+00
17 .0000E+00     18 .0000E+00     19 .0000E+00     20 .0000E+00     21 .0000E+00     22
.0000E+00     23 .0000E+00     24 .0000E+00
                                DAY OF WEEK = SUNDAY
1 .0000E+00      2 .0000E+00      3 .0000E+00      4 .0000E+00      5 .0000E+00      6
.0000E+00      7 .0000E+00      8 .0000E+00
9 .0000E+00     10 .0000E+00     11 .0000E+00     12 .0000E+00     13 .0000E+00     14
.0000E+00     15 .0000E+00     16 .0000E+00
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 21112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op ***      09/08/22
*** AERMET - VERSION 16216 ***
***                                     ***      10:46:48
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*** MODELOPTs:      RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002791      ; SOURCE TYPE = VOLUME      :
HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
SCALAR  HOUR  SCALAR  HOUR  SCALAR
-----
                                DAY OF WEEK = WEEKDAY
1 .0000E+00      2 .0000E+00      3 .0000E+00      4 .0000E+00      5 .0000E+00      6
.0000E+00      7 .0000E+00      8 .0000E+00
9 .1000E+01     10 .1000E+01     11 .1000E+01     12 .1000E+01     13 .1000E+01     14
.1000E+01     15 .1000E+01     16 .1000E+01
17 .0000E+00     18 .0000E+00     19 .0000E+00     20 .0000E+00     21 .0000E+00     22
.0000E+00     23 .0000E+00     24 .0000E+00
                                DAY OF WEEK = SATURDAY
1 .0000E+00      2 .0000E+00      3 .0000E+00      4 .0000E+00      5 .0000E+00      6
.0000E+00      7 .0000E+00      8 .0000E+00
9 .0000E+00     10 .0000E+00     11 .0000E+00     12 .0000E+00     13 .0000E+00     14
.0000E+00     15 .0000E+00     16 .0000E+00
17 .0000E+00     18 .0000E+00     19 .0000E+00     20 .0000E+00     21 .0000E+00     22
.0000E+00     23 .0000E+00     24 .0000E+00
                                DAY OF WEEK = SUNDAY
1 .0000E+00      2 .0000E+00      3 .0000E+00      4 .0000E+00      5 .0000E+00      6
.0000E+00      7 .0000E+00      8 .0000E+00
9 .0000E+00     10 .0000E+00     11 .0000E+00     12 .0000E+00     13 .0000E+00     14
.0000E+00     15 .0000E+00     16 .0000E+00
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 21112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op ***      09/08/22
*** AERMET - VERSION 16216 ***
***                                     ***      10:46:48
```

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*** MODELOPTs:      RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002792      ; SOURCE TYPE = VOLUME      :
HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
SCALAR  HOUR  SCALAR  HOUR  SCALAR
-----
                                DAY OF WEEK = WEEKDAY
```


1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
.0000E+00	7	.0000E+00	8	.0000E+00							
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
.1000E+01	15	.1000E+01	16	.1000E+01							
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
.0000E+00	23	.0000E+00	24	.0000E+00							

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
.0000E+00	7	.0000E+00	8	.0000E+00							
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
.0000E+00	15	.0000E+00	16	.0000E+00							
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
.0000E+00	23	.0000E+00	24	.0000E+00							

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
.0000E+00	7	.0000E+00	8	.0000E+00							
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
.0000E+00	15	.0000E+00	16	.0000E+00							
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
*** 10:46:48

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002793 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
.0000E+00	7	.0000E+00	8	.0000E+00							
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
.1000E+01	15	.1000E+01	16	.1000E+01							
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
.0000E+00	23	.0000E+00	24	.0000E+00							

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
.0000E+00	7	.0000E+00	8	.0000E+00							
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
.0000E+00	15	.0000E+00	16	.0000E+00							
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
.0000E+00	23	.0000E+00	24	.0000E+00							

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
.0000E+00	7	.0000E+00	8	.0000E+00							
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
.0000E+00	15	.0000E+00	16	.0000E+00							
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
*** 10:46:48

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK

(HRDOW) *

SOURCE ID = L0002794 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR
SCALAR	HOUR	SCALAR	HOUR	SCALAR						

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00		7	.0000E+00	8	.0000E+00					
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01		15	.1000E+01	16	.1000E+01					
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00		23	.0000E+00	24	.0000E+00					

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00		7	.0000E+00	8	.0000E+00					
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00		15	.0000E+00	16	.0000E+00					
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00		23	.0000E+00	24	.0000E+00					

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00		7	.0000E+00	8	.0000E+00					
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00		15	.0000E+00	16	.0000E+00					
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002795 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR
SCALAR	HOUR	SCALAR	HOUR	SCALAR						

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00		7	.0000E+00	8	.0000E+00					
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01		15	.1000E+01	16	.1000E+01					
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00		23	.0000E+00	24	.0000E+00					

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00		7	.0000E+00	8	.0000E+00					
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00		15	.0000E+00	16	.0000E+00					
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00		23	.0000E+00	24	.0000E+00					

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00		7	.0000E+00	8	.0000E+00					
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00		15	.0000E+00	16	.0000E+00					
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002796 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR
SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

 *** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont

Dowling\14410 Op *** 09/08/22

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002797 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR
SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
	.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont Dowling\14410 Op *** 09/08/22

*** AERMET - VERSION 16216 ***

*** 10:46:48

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0002798 ; SOURCE TYPE = VOLUME :

SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
	.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = WEEKDAY

DAY OF WEEK = SATURDAY

DAY OF WEEK = SUNDAY

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont Dowling\14410 Op *** 09/08/22

*** AERMET - VERSION 16216 ***

*** 10:46:48

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0002799 ; SOURCE TYPE = VOLUME :

SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	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	

DAY OF WEEK = WEEKDAY

```

.0000E+00  23 .0000E+00  24 .0000E+00
                                DAY OF WEEK = SATURDAY
 1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
 1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002800 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

```

 1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

```

DAY OF WEEK = SATURDAY

```

 1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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DAY OF WEEK = SUNDAY

```

 1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002801 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR

```

- - - - -
- - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
*** 10:46:48

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002802 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
  SCALAR HOUR SCALAR HOUR SCALAR
- - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
*** 10:46:48

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002803 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR
SCALAR	HOUR	SCALAR	HOUR	SCALAR						

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

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Dowling\14410 Op *** 09/08/22

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002804 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR
SCALAR	HOUR	SCALAR	HOUR	SCALAR						

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00	15	.0000E+00	16	.0000E+00						

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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
*** 10:46:48

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002805 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
*** 10:46:48

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002806 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14


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.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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*** 10:46:48

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002807 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR  HOUR SCALAR  HOUR SCALAR  HOUR SCALAR  HOUR SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
- - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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*** 10:46:48

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002808 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR  HOUR SCALAR  HOUR SCALAR  HOUR SCALAR  HOUR SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
- - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00

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9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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Dowling\14410 Op *** 09/08/22

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002809 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

```
SOURCE ID = L0002810      ; SOURCE TYPE = VOLUME      :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
  - - - - -
  - - - - -
                                DAY OF WEEK = WEEKDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .1000E+01 10  .1000E+01 11  .1000E+01 12  .1000E+01 13  .1000E+01 14
.1000E+01 15  .1000E+01 16  .1000E+01
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SATURDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SUNDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op ***          09/08/22
*** AERMET - VERSION 16216 ***
***                                     *** 10:46:48
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                                PAGE 293
*** MODELOPTs:  RegDFAULT CONC  ELEV  FLGPOL  URBAN  ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *
```

```
SOURCE ID = L0002811      ; SOURCE TYPE = VOLUME      :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
  - - - - -
  - - - - -
                                DAY OF WEEK = WEEKDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .1000E+01 10  .1000E+01 11  .1000E+01 12  .1000E+01 13  .1000E+01 14
.1000E+01 15  .1000E+01 16  .1000E+01
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SATURDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SUNDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
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Dowling\14410 Op ***          09/08/22
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *SOURCE ID = L0002812 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

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Dowling\14410 Op *** 09/08/22

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *SOURCE ID = L0002813 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6

```
.0000E+00    7 .0000E+00    8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14
.0000E+00   15 .0000E+00   16 .0000E+00
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op ***          09/08/22
*** AERMET - VERSION 16216 ***
***                                     *** 10:46:48
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002814 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

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*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op ***          09/08/22
*** AERMET - VERSION 16216 ***
***                                     *** 10:46:48
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002815 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

```

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
*** 10:46:48

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002816 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
  SCALAR HOUR SCALAR HOUR SCALAR
- - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
*** 10:46:48

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002817 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
  SCALAR HOUR SCALAR HOUR SCALAR
- - - - -

```

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
	.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
	.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
	.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

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Dowling\14410 Op *** 09/08/22

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002818 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
	.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
	.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
	.0000E+00	15	.0000E+00	16	.0000E+00						
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002819 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR
SCALAR	HOUR	SCALAR	HOUR	SCALAR						

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00		7	.0000E+00	8	.0000E+00					
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01		15	.1000E+01	16	.1000E+01					
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00		23	.0000E+00	24	.0000E+00					

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00		7	.0000E+00	8	.0000E+00					
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00		15	.0000E+00	16	.0000E+00					
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00		23	.0000E+00	24	.0000E+00					

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00		7	.0000E+00	8	.0000E+00					
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00		15	.0000E+00	16	.0000E+00					
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00		23	.0000E+00	24	.0000E+00					

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002820 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR
SCALAR	HOUR	SCALAR	HOUR	SCALAR						

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00		7	.0000E+00	8	.0000E+00					
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01		15	.1000E+01	16	.1000E+01					
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00		23	.0000E+00	24	.0000E+00					

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00		7	.0000E+00	8	.0000E+00					
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00		15	.0000E+00	16	.0000E+00					
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00		23	.0000E+00	24	.0000E+00					

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00		7	.0000E+00	8	.0000E+00					
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00		15	.0000E+00	16	.0000E+00					
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00		23	.0000E+00	24	.0000E+00					

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002821 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR
SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01
.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00
.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00
.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

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Dowling\14410 Op *** 09/08/22
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002822 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR
SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01
.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00
.0000E+00	12	.0000E+00	13	.0000E+00	14	.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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.0000E+00  23 .0000E+00  24 .0000E+00
                                DAY OF WEEK = SUNDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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*** MODELOPTs:  RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

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SOURCE ID = L0002823 ; SOURCE TYPE = VOLUME :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
- - - - -
                                DAY OF WEEK = WEEKDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .1000E+01 10  .1000E+01 11  .1000E+01 12  .1000E+01 13  .1000E+01 14
.1000E+01 15  .1000E+01 16  .1000E+01
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SATURDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SUNDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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*** MODELOPTs:  RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

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SOURCE ID = L0002824 ; SOURCE TYPE = VOLUME :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
- - - - -
                                DAY OF WEEK = WEEKDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .1000E+01 10  .1000E+01 11  .1000E+01 12  .1000E+01 13  .1000E+01 14
.1000E+01 15  .1000E+01 16  .1000E+01

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17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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                                ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002825 ; SOURCE TYPE = VOLUME :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
- - - - -
- - - - -
                                DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
***
                                ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002826 ; SOURCE TYPE = VOLUME :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR

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*** AERMOT - VERSION 21112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op ***                09/08/22
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002828 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR
SCALAR	HOUR	SCALAR	HOUR	SCALAR						

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.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 FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002829 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR
SCALAR	HOUR	SCALAR	HOUR	SCALAR						

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14

.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002830 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00	15	.0000E+00	16	.0000E+00						
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
*** 10:46:48

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002831 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						

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  9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13 .0000E+00  14
.0000E+00  15 .0000E+00  16 .0000E+00
17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                DAY OF WEEK = SUNDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
  9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13 .0000E+00  14
.0000E+00  15 .0000E+00  16 .0000E+00
17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
PR *** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op ***          09/08/22
*** AERMET - VERSION 16216 ***
***                                     ***          10:46:48

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                                PAGE 314
*** MODELOPTs:  RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

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SOURCE ID = L0002832      ; SOURCE TYPE = VOLUME      :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
  - - - - -
                                DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
  9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .1000E+01  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                DAY OF WEEK = SATURDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
  9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13 .0000E+00  14
.0000E+00  15 .0000E+00  16 .0000E+00
17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                DAY OF WEEK = SUNDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
  9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13 .0000E+00  14
.0000E+00  15 .0000E+00  16 .0000E+00
17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
PR *** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op ***          09/08/22
*** AERMET - VERSION 16216 ***
***                                     ***          10:46:48

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*** MODELOPTs:  RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

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SOURCE ID = L0002833      ; SOURCE TYPE = VOLUME      :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
  - - - - -
                                DAY OF WEEK = WEEKDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6

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.0000E+00    7 .0000E+00    8 .0000E+00
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14
.1000E+01   15 .1000E+01   16 .1000E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
.0000E+00   23 .0000E+00   24 .0000E+00
                                DAY OF WEEK = SATURDAY
1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14
.0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
.0000E+00   23 .0000E+00   24 .0000E+00
                                DAY OF WEEK = SUNDAY
1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14
.0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
.0000E+00   23 .0000E+00   24 .0000E+00
FF *** AERMOD - VERSION 21112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op ***      09/08/22
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

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SOURCE ID = L0002834      ; SOURCE TYPE = VOLUME      :
  HOUR   SCALAR  HOUR   SCALAR  HOUR   SCALAR  HOUR   SCALAR  HOUR   SCALAR  HOUR
  SCALAR  HOUR   SCALAR  HOUR   SCALAR
- - - - -
                                DAY OF WEEK = WEEKDAY
1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .0000E+00
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14
.1000E+01   15 .1000E+01   16 .1000E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
.0000E+00   23 .0000E+00   24 .0000E+00
                                DAY OF WEEK = SATURDAY
1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14
.0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
.0000E+00   23 .0000E+00   24 .0000E+00
                                DAY OF WEEK = SUNDAY
1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14
.0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
.0000E+00   23 .0000E+00   24 .0000E+00
FF *** AERMOD - VERSION 21112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op ***      09/08/22
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002835 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002836 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002837 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
	.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
	.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
	.0000E+00	15	.0000E+00	16	.0000E+00						
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
 Dowling\14410 Op *** 09/08/22

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002838 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
	.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
	.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SUNDAY

```
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
*** 10:46:48
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002839 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6
.0000E+00	7 .0000E+00	8 .0000E+00			
9 .1000E+01	10 .1000E+01	11 .1000E+01	12 .1000E+01	13 .1000E+01	14
.1000E+01	15 .1000E+01	16 .1000E+01			
17 .0000E+00	18 .0000E+00	19 .0000E+00	20 .0000E+00	21 .0000E+00	22
.0000E+00	23 .0000E+00	24 .0000E+00			

DAY OF WEEK = SATURDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6
.0000E+00	7 .0000E+00	8 .0000E+00			
9 .0000E+00	10 .0000E+00	11 .0000E+00	12 .0000E+00	13 .0000E+00	14
.0000E+00	15 .0000E+00	16 .0000E+00			
17 .0000E+00	18 .0000E+00	19 .0000E+00	20 .0000E+00	21 .0000E+00	22
.0000E+00	23 .0000E+00	24 .0000E+00			

DAY OF WEEK = SUNDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6
.0000E+00	7 .0000E+00	8 .0000E+00			
9 .0000E+00	10 .0000E+00	11 .0000E+00	12 .0000E+00	13 .0000E+00	14
.0000E+00	15 .0000E+00	16 .0000E+00			
17 .0000E+00	18 .0000E+00	19 .0000E+00	20 .0000E+00	21 .0000E+00	22
.0000E+00	23 .0000E+00	24 .0000E+00			

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*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
*** 10:46:48
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002840 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6
.0000E+00	7 .0000E+00	8 .0000E+00			
9 .1000E+01	10 .1000E+01	11 .1000E+01	12 .1000E+01	13 .1000E+01	14
.1000E+01	15 .1000E+01	16 .1000E+01			
17 .0000E+00	18 .0000E+00	19 .0000E+00	20 .0000E+00	21 .0000E+00	22
.0000E+00	23 .0000E+00	24 .0000E+00			

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                                DAY OF WEEK = SATURDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SUNDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op ***          09/08/22
*** AERMET - VERSION 16216 ***
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*** MODELOPTs:  RegDFAULT CONC  ELEV  FLGPOL  URBAN  ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002841      ; SOURCE TYPE = VOLUME      :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
- - - - -
                                DAY OF WEEK = WEEKDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .1000E+01 10  .1000E+01 11  .1000E+01 12  .1000E+01 13  .1000E+01 14
.1000E+01 15  .1000E+01 16  .1000E+01
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SATURDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SUNDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op ***          09/08/22
*** AERMET - VERSION 16216 ***
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*** MODELOPTs:  RegDFAULT CONC  ELEV  FLGPOL  URBAN  ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002842      ; SOURCE TYPE = VOLUME      :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
- - - - -

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- - - - -
                                DAY OF WEEK = WEEKDAY
1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SATURDAY
1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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                                PAGE 325
*** MODELOPTs:  RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002843 ; SOURCE TYPE = VOLUME :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
- - - - -
                                DAY OF WEEK = WEEKDAY
1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SATURDAY
1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
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Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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                                PAGE 326
*** MODELOPTs:  RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002844 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR
SCALAR	HOUR	SCALAR	HOUR	SCALAR						

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
	.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
	.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
	.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

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Dowling\14410 Op *** 09/08/22

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002845 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR
SCALAR	HOUR	SCALAR	HOUR	SCALAR						

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
	.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
	.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
	.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	

.0000E+00 23 .0000E+00 24 .0000E+00
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Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002846 ; SOURCE TYPE = VOLUME :

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

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Dowling\14410 Op *** 09/08/22
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002847 ; SOURCE TYPE = VOLUME :

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00

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17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002848 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
  SCALAR HOUR SCALAR HOUR SCALAR
- - - - -
- - - - -
                                DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002849 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
  SCALAR HOUR SCALAR HOUR SCALAR
- - - - -
- - - - -
                                DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14

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.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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Dowling\14410 Op *** 09/08/22

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002850 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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Dowling\14410 Op *** 09/08/22

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002851 ; SOURCE TYPE = VOLUME :

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002853 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR
SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01
.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00
.0000E+00	23	.0000E+00	24	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00
.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00
.0000E+00	23	.0000E+00	24	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00
.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00
.0000E+00	23	.0000E+00	24	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00
.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00
.0000E+00	23	.0000E+00	24	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00

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Dowling\14410 Op *** 09/08/22

*** AERMET - VERSION 16216 ***

10:46:48

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002854 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR
SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01
.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00
.0000E+00	23	.0000E+00	24	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00
.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00
.0000E+00	23	.0000E+00	24	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00
.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00
.0000E+00	23	.0000E+00	24	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00

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9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002855 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

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Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002856 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6

```
.0000E+00    7 .0000E+00    8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14
.0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
.0000E+00   23 .0000E+00   24 .0000E+00
                                DAY OF WEEK = SUNDAY
1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14
.0000E+00   15 .0000E+00   16 .0000E+00
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op ***          09/08/22
*** AERMET - VERSION 16216 ***
***                                     *** 10:46:48
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *
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```
SOURCE ID = L0002857 ; SOURCE TYPE = VOLUME :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
- - - - -
                                DAY OF WEEK = WEEKDAY
1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .0000E+00
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14
.1000E+01   15 .1000E+01   16 .1000E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
.0000E+00   23 .0000E+00   24 .0000E+00
                                DAY OF WEEK = SATURDAY
1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14
.0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
.0000E+00   23 .0000E+00   24 .0000E+00
                                DAY OF WEEK = SUNDAY
1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14
.0000E+00   15 .0000E+00   16 .0000E+00
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 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op ***          09/08/22
*** AERMET - VERSION 16216 ***
***                                     *** 10:46:48
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *
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```
SOURCE ID = L0002858 ; SOURCE TYPE = VOLUME :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
- - - - -
                                DAY OF WEEK = WEEKDAY
```

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
.0000E+00	7	.0000E+00	8	.0000E+00							
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
.1000E+01	15	.1000E+01	16	.1000E+01							
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
.0000E+00	23	.0000E+00	24	.0000E+00							

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
.0000E+00	7	.0000E+00	8	.0000E+00							
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
.0000E+00	15	.0000E+00	16	.0000E+00							
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
.0000E+00	23	.0000E+00	24	.0000E+00							

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
.0000E+00	7	.0000E+00	8	.0000E+00							
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
.0000E+00	15	.0000E+00	16	.0000E+00							
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
.0000E+00	23	.0000E+00	24	.0000E+00							

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002859 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
.0000E+00	7	.0000E+00	8	.0000E+00							
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
.1000E+01	15	.1000E+01	16	.1000E+01							
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
.0000E+00	23	.0000E+00	24	.0000E+00							

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
.0000E+00	7	.0000E+00	8	.0000E+00							
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
.0000E+00	15	.0000E+00	16	.0000E+00							
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
.0000E+00	23	.0000E+00	24	.0000E+00							

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
.0000E+00	7	.0000E+00	8	.0000E+00							
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
.0000E+00	15	.0000E+00	16	.0000E+00							
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
.0000E+00	23	.0000E+00	24	.0000E+00							

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Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
*** 10:46:48

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK

(HRDOW) *

SOURCE ID = L0002860 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
*** 10:46:48

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002861 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002862 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR
SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

 *** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont

Dowling\14410 Op *** 09/08/22

*** AERMET - VERSION 16216 ***

10:46:48

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0002863 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR
SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
	.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
*** 10:46:48

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0002864 ; SOURCE TYPE = VOLUME :

SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
	.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
	.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
	.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
	.0000E+00	15	.0000E+00	16	.0000E+00						
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
*** 10:46:48

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0002865 ; SOURCE TYPE = VOLUME :

SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
	.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
	.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

DAY OF WEEK = SUNDAY

+00 4 .00000E+00

*** AERMET - VERSION 16216 ***

* * *

```
***  MODELOPTs:      RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ  U*
```

SOURCE ID = L0002866 ; SOURCE TYPE = VOLUME :

DAY OF WEEK = WEEKDAY

+00 4 .00000E+00

+01 12 1000E+01

```

F01      12      .10000E+01      1

```

[illegible]

+00 20 .00000E+00

DAY OF WEEK = SATURDAY

```
+00      4      .00000E+00
```

```
+00 12 .00000E+00 1
```

[illegible]

+00 30 00000E+00

F00 20 .00000E+00

DAY OF WEEK = SUNDAY

```
+00      4      .00000E+00
```

```
+00    12    .00000E+00
```

+00 20 .00000E+00

[illegible]

```

      .000000E+000      25      .000000E+000      Z
      ***  3  ERMOD      VERBATION  21112      *

```

* * *

* * *

```
*** MODELOPTs:      ReqDFault  CONC  ELEV  FLGPOL  URBAN  ADJ  U*
```

SOURCE ID = VOL1 ; SOURCE TYPE = VOLUME ;

HOUR	SCALAR	HOUR	SCALAR	HOUR
1	0.000000	1	0.000000	1
2	0.000000	2	0.000000	2
3	0.000000	3	0.000000	3
4	0.000000	4	0.000000	4
5	0.000000	5	0.000000	5
6	0.000000	6	0.000000	6
7	0.000000	7	0.000000	7
8	0.000000	8	0.000000	8
9	0.000000	9	0.000000	9
10	0.000000	10	0.000000	10
11	0.000000	11	0.000000	11
12	0.000000	12	0.000000	12
13	0.000000	13	0.000000	13
14	0.000000	14	0.000000	14
15	0.000000	15	0.000000	15
16	0.000000	16	0.000000	16
17	0.000000	17	0.000000	17
18	0.000000	18	0.000000	18
19	0.000000	19	0.000000	19
20	0.000000	20	0.000000	20
21	0.000000	21	0.000000	21
22	0.000000	22	0.000000	22
23	0.000000	23	0.000000	23
24	0.000000	24	0.000000	24
25	0.000000	25	0.000000	25
26	0.000000	26	0.000000	26
27	0.000000	27	0.000000	27
28	0.000000	28	0.000000	28
29	0.000000	29	0.000000	29
30	0.000000	30	0.000000	30
31	0.000000	31	0.000000	31
32	0.000000	32	0.000000	32
33	0.000000	33	0.000000	33
34	0.000000	34	0.000000	34
35	0.000000	35	0.000000	35
36	0.000000	36	0.000000	36
37	0.000000	37	0.000000	37
38	0.000000	38	0.000000	38
39	0.000000	39	0.000000	39
40	0.000000	40	0.000000	40
41	0.000000	41	0.000000	41
42	0.000000	42	0.000000	42
43	0.000000	43	0.000000	43
44	0.000000	44	0.000000	44
45	0.000000	45	0.000000	45
46	0.000000	46	0.000000	46
47	0.000000	47	0.000000	47
48	0.000000	48	0.000000	48
49	0.000000	49	0.000000	49
50	0.000000	50	0.000000	50
51	0.000000	51	0.000000	51
52	0.000000	52	0.000000	52
53	0.000000	53	0.000000	53
54	0.000000	54	0.000000	54
55	0.000000	55	0.000000	55
56	0.000000	56	0.000000	56
57	0.000000	57	0.000000	57
58	0.000000	58	0.000000	58
59	0.000000	59	0.000000	59
60	0.000000	60	0.000000	60
61	0.000000	61	0.000000	61
62	0.000000	62	0.000000	62
63	0.000000	63	0.000000	63
64	0.000000	64	0.000000	64
65	0.000000	65	0.000000	65
66	0.000000	66	0.000000	66
67	0.000000	67	0.000000	67
68	0.000000	68	0.000000	68
69	0.000000	69	0.000000	69

AR HOUR SCALAR H

DAY OF WEEK = WEEKDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6
.0000E+00	7 .0000E+00	8 .0000E+00			
9 .1000E+01	10 .1000E+01	11 .1000E+01	12 .1000E+01	13 .1000E+01	14
.1000E+01	15 .1000E+01	16 .1000E+01			
17 .0000E+00	18 .0000E+00	19 .0000E+00	20 .0000E+00	21 .0000E+00	22
.0000E+00	23 .0000E+00	24 .0000E+00			

DAY OF WEEK = SATURDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6
.0000E+00	7 .0000E+00	8 .0000E+00			
9 .0000E+00	10 .0000E+00	11 .0000E+00	12 .0000E+00	13 .0000E+00	14
.0000E+00	15 .0000E+00	16 .0000E+00			
17 .0000E+00	18 .0000E+00	19 .0000E+00	20 .0000E+00	21 .0000E+00	22
.0000E+00	23 .0000E+00	24 .0000E+00			

DAY OF WEEK = SUNDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6
.0000E+00	7 .0000E+00	8 .0000E+00			
9 .0000E+00	10 .0000E+00	11 .0000E+00	12 .0000E+00	13 .0000E+00	14
.0000E+00	15 .0000E+00	16 .0000E+00			
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 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(500554.6, 3754323.3,	780.0,	780.0,	0.0);	(500556.6, 3754410.7,
780.4,	780.4,	0.0);		
(500557.3, 3754522.4,	780.2,	780.2,	0.0);	(500558.0, 3754617.8,
782.0,	782.0,	0.0);		
(500444.2, 3754297.6,	778.0,	778.0,	0.0);	(500388.1, 3754298.3,
776.2,	776.2,	0.0);		
(500452.4, 3754021.4,	775.9,	775.9,	0.0);	(500886.3, 3754374.1,
774.5,	782.0,	0.0);		
(501084.0, 3754379.5,	778.2,	778.2,	0.0);	(501013.6, 3754294.9,
778.0,	778.0,	0.0);		
(500006.2, 3754662.5,	774.4,	774.4,	0.0);	(500000.1, 3754482.4,
774.2,	774.2,	0.0);		
(499973.3, 3754829.3,	772.3,	772.3,	0.0);	(500446.4, 3754903.2,
771.1,	776.0,	0.0);		
(500504.1, 3755148.7,	775.9,	775.9,	0.0);	(500531.0, 3755126.6,
774.3,	774.3,	0.0);		
(500575.1, 3755089.9,	774.6,	774.6,	0.0);	(500603.1, 3755064.1,
775.4,	775.4,	0.0);		
(500640.2, 3755030.8,	776.8,	776.8,	0.0);	(500664.9, 3755005.8,
776.8,	776.8,	0.0);		
(500711.2, 3754973.9,	777.7,	777.7,	0.0);	(500749.8, 3754946.4,
778.1,	778.1,	0.0);		
(500791.8, 3754922.7,	778.4,	778.4,	0.0);	(500820.4, 3754899.4,
778.5,	778.5,	0.0);		
(500862.5, 3754875.7,	779.0,	779.0,	0.0);	(500896.8, 3754859.8,
779.2,	779.2,	0.0);		
(500941.7, 3754840.0,	780.0,	780.0,	0.0);	(500975.6, 3754824.1,
780.8,	780.8,	0.0);		
(501025.4, 3754801.5,	781.0,	781.0,	0.0);	(501083.8, 3754779.9,
781.9,	781.9,	0.0);		
(501118.8, 3754761.5,	782.0,	782.0,	0.0);	(501141.7, 3754750.6,

```
FF *** AERMOD - VERSION 21112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dwelling\14410 Op ***                  09/08/22
*** AERMET - VERSION 16216 ***
***                                     *** 10:46:48
```

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

```

1.54,    3.09,    5.14,    8.23,   10.80,
FF *** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op ***          09/08/22

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*** MODELOPTs: RegDEFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file:

BNAP_V9_ADJU\BNAP_v9.SFC

Met

Version: 16216

Profile file:

BNAP_V9_ADJU\BNAP_v9.PFL

Surface format:

FREE

Profile format:

FREE

Surface station no.: 3171

Upper air station no.: 3190

Name: UNKNOWN

Name:

UNKNOWN

Year: 2011

Year: 2011

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O	LEN	Z0	BOWEN	ALBEDO	REF	WS
WD			HT	REF	TA	HT											
11	01	01	1	01	-50.0	0.519	-9.000	-9.000	-999.	897.	296.2	0.15	4.23	1.00	5.40		
108.			9.1		274.2	5.5											
11	01	01	1	02	-54.0	0.559	-9.000	-9.000	-999.	1002.	343.7	0.15	4.23	1.00	5.80		
113.			9.1		273.8	5.5											
11	01	01	1	03	-50.2	0.519	-9.000	-9.000	-999.	899.	296.1	0.15	4.23	1.00	5.40		
112.			9.1		273.1	5.5											
11	01	01	1	04	-45.5	0.469	-9.000	-9.000	-999.	773.	241.8	0.15	4.23	1.00	4.90		
111.			9.1		272.5	5.5											
11	01	01	1	05	-13.5	0.164	-9.000	-9.000	-999.	293.	29.5	0.15	4.23	1.00	1.80		
78.			9.1		270.9	5.5											
11	01	01	1	06	-19.9	0.203	-9.000	-9.000	-999.	220.	45.4	0.15	4.23	1.00	2.20		
58.			9.1		270.4	5.5											
11	01	01	1	07	-19.9	0.203	-9.000	-9.000	-999.	220.	45.4	0.15	4.23	1.00	2.20		
54.			9.1		270.4	5.5											
11	01	01	1	08	-12.2	0.206	-9.000	-9.000	-999.	224.	60.4	0.15	4.23	0.55	2.20		
60.			9.1		270.9	5.5											
11	01	01	1	09	45.6	0.455	0.587	0.005	150.	738.	-174.7	0.15	4.23	0.34	4.50		
96.			9.1		273.8	5.5											
11	01	01	1	10	126.7	0.592	0.981	0.005	252.	1092.	-138.5	0.15	4.23	0.27	5.80		
102.			9.1		274.9	5.5											
11	01	01	1	11	195.5	0.684	1.823	0.009	1048.	1355.	-138.3	0.15	4.23	0.25	6.70		
100.			9.1		275.9	5.5											
11	01	01	1	12	229.2	0.688	2.066	0.009	1302.	1370.	-120.1	0.15	4.23	0.24	6.70		
96.			9.1		276.4	5.5											
11	01	01	1	13	190.6	0.647	1.999	0.009	1417.	1254.	-120.0	0.15	4.23	0.24	6.30		
95.			9.1		277.0	5.5											
11	01	01	1	14	115.4	0.590	1.708	0.009	1459.	1094.	-150.2	0.15	4.23	0.26	5.80		
98.			9.1		277.0	5.5											
11	01	01	1	15	101.2	0.588	1.649	0.009	1496.	1081.	-169.0	0.15	4.23	0.29	5.80		
99.			9.1		276.4	5.5											
11	01	01	1	16	27.7	0.534	1.074	0.009	1507.	940.	-462.4	0.15	4.23	0.38	5.40		
103.			9.1		276.4	5.5											
11	01	01	1	17	-42.8	0.469	-9.000	-9.000	-999.	777.	242.4	0.15	4.23	0.67	4.90		
106.			9.1		275.9	5.5											
11	01	01	1	18	-32.7	0.340	-9.000	-9.000	-999.	489.	127.2	0.15	4.23	1.00	3.60		
100.			9.1		274.9	5.5											
11	01	01	1	19	-24.4	0.252	-9.000	-9.000	-999.	308.	69.8	0.15	4.23	1.00	2.70		

70.	9.1	273.1	5.5											
11 01 01	1 20	-28.2	0.291	-9.000	-9.000	-999.	377.		93.1	0.15	4.23	1.00	3.10	
85.	9.1	273.1	5.5											
11 01 01	1 21	-28.2	0.291	-9.000	-9.000	-999.	377.		93.1	0.15	4.23	1.00	3.10	
82.	9.1	273.1	5.5											
11 01 01	1 22	-24.5	0.252	-9.000	-9.000	-999.	304.		69.8	0.15	4.23	1.00	2.70	
64.	9.1	272.5	5.5											
11 01 01	1 23	-24.5	0.252	-9.000	-9.000	-999.	304.		69.8	0.15	4.23	1.00	2.70	
61.	9.1	272.5	5.5											
11 01 01	1 24	-24.5	0.252	-9.000	-9.000	-999.	304.		69.8	0.15	4.23	1.00	2.70	
76.	9.1	272.5	5.5											

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB	TMP	sigmaA	sigmaW	sigmaV
11	01	01	01	5.5	0	-999.	-99.00	274.3	99.0	-99.00	-99.00	
11	01	01	01	9.1	1	108.	5.40	-999.0	99.0	-99.00	-99.00	

F indicates top of profile (=1) or below (=0)

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
 Dowling\14410 Op *** 09/08/22
 *** AERMET - VERSION 16216 ***
 *** 10:46:48

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR
 SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0002535 , L0002536 ,
 L0002537 , L0002538 , L0002539 ,
 L0002540 , L0002541 , L0002542 , L0002543 , L0002544 ,
 L0002545 , L0002546 , L0002547 ,
 L0002548 , L0002549 , L0002550 , L0002551 , L0002552 ,
 L0002553 , L0002554 , L0002555 ,
 L0002556 , L0002557 , L0002558 , L0002559 , L0002560 ,
 L0002561 , L0002562 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN **
 MICROGRAMS/M**3

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD
500554.60	3754323.34	0.00598	500556.63	
3754410.67	0.01146			
500557.31	3754522.38	0.02593	500557.99	
3754617.83	0.02953			
500444.25	3754297.61	0.00485	500388.06	
3754298.29	0.00452			
500452.38	3754021.40	0.00175	500886.33	
3754374.11	0.00326			
501084.01	3754379.53	0.00228	501013.61	
3754294.91	0.00178			
500006.24	3754662.51	0.01387	500000.14	
3754482.43	0.00932			
499973.28	3754829.30	0.00427	500446.44	
3754903.20	0.00325			
500504.10	3755148.67	0.00060	500530.97	
3755126.64	0.00071			
500575.15	3755089.88	0.00098	500603.07	
3755064.08	0.00124			
500640.19	3755030.85	0.00169	500664.93	

```
PF *** AERMOD - VERSION 21112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op ***                    09/08/22
*** AERMET - VERSION 16216 ***
***                                     *** 10:46:48
```

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***  MODELOPTs:      RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ  U*
```

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** CONC OF DPM          IN
MICROGRAMS/M**3                      **

```

GROUP ID	AVERAGE CONC	RECEPTOR	(XR, YR, ZELEV, ZHILL,
ZFLAG) OF TYPE GRID-ID			

ALL	1ST HIGHEST VALUE IS	0.02953 AT (	500557.99,	3754617.83,	781.97,
781.97,	0.00) DC				
	2ND HIGHEST VALUE IS	0.02593 AT (	500557.31,	3754522.38,	780.21,
780.21,	0.00) DC				
	3RD HIGHEST VALUE IS	0.01387 AT (	500006.24,	3754662.51,	774.39,

774.39,	0.00)	DC			
4TH HIGHEST VALUE IS			0.01146 AT (	500556.63,	3754410.67,
780.45,	0.00)	DC			780.45,
5TH HIGHEST VALUE IS			0.00932 AT (	500000.14,	3754482.43,
774.19,	0.00)	DC			774.19,
6TH HIGHEST VALUE IS			0.00598 AT (	500554.60,	3754323.34,
780.00,	0.00)	DC			780.00,
7TH HIGHEST VALUE IS			0.00485 AT (	500444.25,	3754297.61,
778.00,	0.00)	DC			778.00,
8TH HIGHEST VALUE IS			0.00452 AT (	500388.06,	3754298.29,
776.25,	0.00)	DC			776.25,
9TH HIGHEST VALUE IS			0.00431 AT (	500896.79,	3754859.79,
779.20,	0.00)	DC			779.20,
10TH HIGHEST VALUE IS			0.00428 AT (	500862.50,	3754875.69,
779.00,	0.00)	DC			779.00,

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22

*** AERMET - VERSION 16216 ***

*** 10:46:48

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL 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	1311 Informational Message(s)
A Total of	43824 Hours Were Processed
A Total of	64 Calm Hours Identified
A Total of	1247 Missing Hours Identified (2.85 Percent)

***** FATAL ERROR MESSAGES *****
*** NONE ***

*****	WARNING MESSAGES	*****	
ME W186	4814	MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used	0.50
ME W187	4814	MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET	

*** AERMOD Finishes Successfully ***

```

**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 10.2.1
** Lakes Environmental Software Inc.
** Date: 9/8/2022
** File: C:\Users\Michael Tirohn\Desktop\HRAs\14410 Orchard Logistics\14410 Ops\14410 Ops.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont Dowling\14410 Op
  MODELOPT DFAULT CONC
  AVERTIME ANNUAL
  URBANOPT 2189641
  POLLUTID DPM
  FLAGPOLE 0.00
  RUNORNOT RUN
  ERRORFIL "14410 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 = SLINE4
** DESCRSRC 4th 70%
** PREFIX
** Length of Side = 14.00
** Configuration = Adjacent
** Emission Rate = 9.389E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 6
** 500505.015, 3753982.836, 776.12, 3.49, 6.51
** 500713.337, 3753974.900, 778.99, 3.49, 6.51
** 500881.979, 3753970.932, 778.78, 3.49, 6.51
** 500944.145, 3753980.191, 780.00, 3.49, 6.51
** 501025.490, 3753984.159, 780.00, 3.49, 6.51
** 501071.784, 3753984.159, 780.00, 3.49, 6.51
** -----
**
LOCATION L0004813      VOLUME  500512.010 3753982.570 776.97
LOCATION L0004814      VOLUME  500526.000 3753982.037 777.89
LOCATION L0004815      VOLUME  500539.990 3753981.504 778.49
LOCATION L0004816      VOLUME  500553.980 3753980.971 778.94
LOCATION L0004817      VOLUME  500567.969 3753980.438 779.14
LOCATION L0004818      VOLUME  500581.959 3753979.905 779.13
LOCATION L0004819      VOLUME  500595.949 3753979.372 779.27
LOCATION L0004820      VOLUME  500609.939 3753978.839 779.67
LOCATION L0004821      VOLUME  500623.929 3753978.306 780.01
LOCATION L0004822      VOLUME  500637.919 3753977.773 780.03
LOCATION L0004823      VOLUME  500651.909 3753977.240 780.08
LOCATION L0004824      VOLUME  500665.898 3753976.707 780.52

```

LOCATION	L0004825	VOLUME	500679.888	3753976.174	780.97
LOCATION	L0004826	VOLUME	500693.878	3753975.641	780.11
LOCATION	L0004827	VOLUME	500707.868	3753975.108	779.15
LOCATION	L0004828	VOLUME	500721.862	3753974.699	778.56
LOCATION	L0004829	VOLUME	500735.858	3753974.370	778.05
LOCATION	L0004830	VOLUME	500749.854	3753974.041	777.56
LOCATION	L0004831	VOLUME	500763.850	3753973.711	777.07
LOCATION	L0004832	VOLUME	500777.846	3753973.382	776.58
LOCATION	L0004833	VOLUME	500791.842	3753973.053	776.09
LOCATION	L0004834	VOLUME	500805.838	3753972.723	775.64
LOCATION	L0004835	VOLUME	500819.835	3753972.394	775.27
LOCATION	L0004836	VOLUME	500833.831	3753972.065	775.30
LOCATION	L0004837	VOLUME	500847.827	3753971.736	776.63
LOCATION	L0004838	VOLUME	500861.823	3753971.406	777.88
LOCATION	L0004839	VOLUME	500875.819	3753971.077	778.34
LOCATION	L0004840	VOLUME	500889.732	3753972.087	778.83
LOCATION	L0004841	VOLUME	500903.579	3753974.149	779.36
LOCATION	L0004842	VOLUME	500917.426	3753976.211	779.89
LOCATION	L0004843	VOLUME	500931.274	3753978.274	780.00
LOCATION	L0004844	VOLUME	500945.130	3753980.239	780.00
LOCATION	L0004845	VOLUME	500959.114	3753980.921	780.00
LOCATION	L0004846	VOLUME	500973.097	3753981.603	780.00
LOCATION	L0004847	VOLUME	500987.081	3753982.285	780.00
LOCATION	L0004848	VOLUME	501001.064	3753982.967	780.00
LOCATION	L0004849	VOLUME	501015.047	3753983.649	780.00
LOCATION	L0004850	VOLUME	501029.035	3753984.159	780.00
LOCATION	L0004851	VOLUME	501043.035	3753984.159	780.00
LOCATION	L0004852	VOLUME	501057.035	3753984.159	780.00
LOCATION	L0004853	VOLUME	501071.035	3753984.159	780.00

** End of LINE VOLUME Source ID = SLINE4

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE5

** DESCRSRC 4th 35%

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 3.237E-06

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 3

** 501087.039, 3753983.042, 780.00, 3.49, 4.00

** 501238.216, 3753982.044, 779.65, 3.49, 4.00

** 501478.452, 3753983.790, 783.60, 3.49, 4.00

** -----

LOCATION	L0004854	VOLUME	501091.334	3753983.014	780.00
LOCATION	L0004855	VOLUME	501099.924	3753982.957	780.00
LOCATION	L0004856	VOLUME	501108.513	3753982.900	780.00
LOCATION	L0004857	VOLUME	501117.103	3753982.844	780.00
LOCATION	L0004858	VOLUME	501125.693	3753982.787	780.00
LOCATION	L0004859	VOLUME	501134.283	3753982.730	780.00
LOCATION	L0004860	VOLUME	501142.873	3753982.673	780.00
LOCATION	L0004861	VOLUME	501151.462	3753982.617	780.00
LOCATION	L0004862	VOLUME	501160.052	3753982.560	780.00
LOCATION	L0004863	VOLUME	501168.642	3753982.503	780.00
LOCATION	L0004864	VOLUME	501177.232	3753982.447	780.00
LOCATION	L0004865	VOLUME	501185.822	3753982.390	780.00
LOCATION	L0004866	VOLUME	501194.412	3753982.333	779.88
LOCATION	L0004867	VOLUME	501203.001	3753982.277	779.59
LOCATION	L0004868	VOLUME	501211.591	3753982.220	779.30
LOCATION	L0004869	VOLUME	501220.181	3753982.163	779.02
LOCATION	L0004870	VOLUME	501228.771	3753982.107	779.27
LOCATION	L0004871	VOLUME	501237.361	3753982.050	779.56
LOCATION	L0004872	VOLUME	501245.950	3753982.100	779.84
LOCATION	L0004873	VOLUME	501254.540	3753982.163	780.13
LOCATION	L0004874	VOLUME	501263.130	3753982.225	780.41

LOCATION	L0004875	VOLUME	501271.720	3753982.288	780.70
LOCATION	L0004876	VOLUME	501280.309	3753982.350	780.99
LOCATION	L0004877	VOLUME	501288.899	3753982.413	781.00
LOCATION	L0004878	VOLUME	501297.489	3753982.475	781.00
LOCATION	L0004879	VOLUME	501306.079	3753982.537	781.00
LOCATION	L0004880	VOLUME	501314.669	3753982.600	781.03
LOCATION	L0004881	VOLUME	501323.258	3753982.662	781.09
LOCATION	L0004882	VOLUME	501331.848	3753982.725	781.16
LOCATION	L0004883	VOLUME	501340.438	3753982.787	781.22
LOCATION	L0004884	VOLUME	501349.028	3753982.850	781.44
LOCATION	L0004885	VOLUME	501357.617	3753982.912	781.66
LOCATION	L0004886	VOLUME	501366.207	3753982.975	781.88
LOCATION	L0004887	VOLUME	501374.797	3753983.037	782.14
LOCATION	L0004888	VOLUME	501383.387	3753983.099	782.42
LOCATION	L0004889	VOLUME	501391.977	3753983.162	782.71
LOCATION	L0004890	VOLUME	501400.566	3753983.224	783.00
LOCATION	L0004891	VOLUME	501409.156	3753983.287	783.00
LOCATION	L0004892	VOLUME	501417.746	3753983.349	783.00
LOCATION	L0004893	VOLUME	501426.336	3753983.412	783.00
LOCATION	L0004894	VOLUME	501434.925	3753983.474	783.03
LOCATION	L0004895	VOLUME	501443.515	3753983.536	783.11
LOCATION	L0004896	VOLUME	501452.105	3753983.599	783.18
LOCATION	L0004897	VOLUME	501460.695	3753983.661	783.25
LOCATION	L0004898	VOLUME	501469.285	3753983.724	783.47
LOCATION	L0004899	VOLUME	501477.874	3753983.786	783.68

** End of LINE VOLUME Source ID = SLINE5

**

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE6

** DESCRSRC Veile 35%

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 5.349E-06

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 8

** 501081.321, 3753992.058, 780.00, 3.49, 4.00

** 501080.861, 3754068.358, 780.00, 3.49, 4.00

** 501080.861, 3754116.160, 779.47, 3.49, 4.00

** 501081.780, 3754155.843, 779.00, 3.49, 4.00

** 501089.594, 3754189.396, 779.00, 3.49, 4.00

** 501118.245, 3754243.787, 778.96, 3.49, 4.00

** 501310.308, 3754555.999, 783.90, 3.49, 4.00

** 501321.358, 3754573.265, 783.95, 3.49, 4.00

**

LOCATION	L0004900	VOLUME	501081.295	3753996.353	780.00
LOCATION	L0004901	VOLUME	501081.243	3754004.943	780.00
LOCATION	L0004902	VOLUME	501081.191	3754013.533	780.00
LOCATION	L0004903	VOLUME	501081.140	3754022.123	780.00
LOCATION	L0004904	VOLUME	501081.088	3754030.712	780.00
LOCATION	L0004905	VOLUME	501081.036	3754039.302	780.00
LOCATION	L0004906	VOLUME	501080.984	3754047.892	780.00
LOCATION	L0004907	VOLUME	501080.933	3754056.482	780.00
LOCATION	L0004908	VOLUME	501080.881	3754065.072	780.00
LOCATION	L0004909	VOLUME	501080.861	3754073.662	780.00
LOCATION	L0004910	VOLUME	501080.861	3754082.252	780.00
LOCATION	L0004911	VOLUME	501080.861	3754090.842	780.00
LOCATION	L0004912	VOLUME	501080.861	3754099.432	779.93
LOCATION	L0004913	VOLUME	501080.861	3754108.022	779.74
LOCATION	L0004914	VOLUME	501080.871	3754116.612	779.55
LOCATION	L0004915	VOLUME	501081.070	3754125.199	779.37
LOCATION	L0004916	VOLUME	501081.269	3754133.787	779.26
LOCATION	L0004917	VOLUME	501081.468	3754142.375	779.16
LOCATION	L0004918	VOLUME	501081.667	3754150.962	779.06
LOCATION	L0004919	VOLUME	501082.621	3754159.454	779.00

LOCATION	L0004920	VOLUME	501084.570	3754167.821	779.00
LOCATION	L0004921	VOLUME	501086.518	3754176.187	779.00
LOCATION	L0004922	VOLUME	501088.466	3754184.553	779.00
LOCATION	L0004923	VOLUME	501091.280	3754192.596	779.00
LOCATION	L0004924	VOLUME	501095.283	3754200.196	779.00
LOCATION	L0004925	VOLUME	501099.287	3754207.796	779.00
LOCATION	L0004926	VOLUME	501103.290	3754215.397	779.00
LOCATION	L0004927	VOLUME	501107.293	3754222.997	779.00
LOCATION	L0004928	VOLUME	501111.297	3754230.597	779.00
LOCATION	L0004929	VOLUME	501115.300	3754238.197	779.00
LOCATION	L0004930	VOLUME	501119.435	3754245.722	779.00
LOCATION	L0004931	VOLUME	501123.936	3754253.038	779.00
LOCATION	L0004932	VOLUME	501128.437	3754260.355	779.00
LOCATION	L0004933	VOLUME	501132.938	3754267.671	779.07
LOCATION	L0004934	VOLUME	501137.439	3754274.988	779.22
LOCATION	L0004935	VOLUME	501141.939	3754282.304	779.37
LOCATION	L0004936	VOLUME	501146.440	3754289.620	779.52
LOCATION	L0004937	VOLUME	501150.941	3754296.937	779.67
LOCATION	L0004938	VOLUME	501155.442	3754304.253	779.82
LOCATION	L0004939	VOLUME	501159.943	3754311.570	779.98
LOCATION	L0004940	VOLUME	501164.444	3754318.886	780.00
LOCATION	L0004941	VOLUME	501168.944	3754326.203	780.00
LOCATION	L0004942	VOLUME	501173.445	3754333.519	780.00
LOCATION	L0004943	VOLUME	501177.946	3754340.836	780.09
LOCATION	L0004944	VOLUME	501182.447	3754348.152	780.29
LOCATION	L0004945	VOLUME	501186.948	3754355.469	780.57
LOCATION	L0004946	VOLUME	501191.449	3754362.785	780.89
LOCATION	L0004947	VOLUME	501195.950	3754370.102	780.89
LOCATION	L0004948	VOLUME	501200.450	3754377.418	780.75
LOCATION	L0004949	VOLUME	501204.951	3754384.734	780.67
LOCATION	L0004950	VOLUME	501209.452	3754392.051	780.68
LOCATION	L0004951	VOLUME	501213.953	3754399.367	780.78
LOCATION	L0004952	VOLUME	501218.454	3754406.684	780.93
LOCATION	L0004953	VOLUME	501222.955	3754414.000	781.05
LOCATION	L0004954	VOLUME	501227.455	3754421.317	781.19
LOCATION	L0004955	VOLUME	501231.956	3754428.633	781.38
LOCATION	L0004956	VOLUME	501236.457	3754435.950	781.53
LOCATION	L0004957	VOLUME	501240.958	3754443.266	781.68
LOCATION	L0004958	VOLUME	501245.459	3754450.583	781.83
LOCATION	L0004959	VOLUME	501249.960	3754457.899	781.98
LOCATION	L0004960	VOLUME	501254.460	3754465.215	782.00
LOCATION	L0004961	VOLUME	501258.961	3754472.532	782.00
LOCATION	L0004962	VOLUME	501263.462	3754479.848	782.00
LOCATION	L0004963	VOLUME	501267.963	3754487.165	782.02
LOCATION	L0004964	VOLUME	501272.464	3754494.481	782.20
LOCATION	L0004965	VOLUME	501276.965	3754501.798	782.46
LOCATION	L0004966	VOLUME	501281.465	3754509.114	782.77
LOCATION	L0004967	VOLUME	501285.966	3754516.431	783.00
LOCATION	L0004968	VOLUME	501290.467	3754523.747	783.08
LOCATION	L0004969	VOLUME	501294.968	3754531.064	783.24
LOCATION	L0004970	VOLUME	501299.469	3754538.380	783.47
LOCATION	L0004971	VOLUME	501303.970	3754545.697	783.77
LOCATION	L0004972	VOLUME	501308.470	3754553.013	783.93
LOCATION	L0004973	VOLUME	501313.048	3754560.281	784.00
LOCATION	L0004974	VOLUME	501317.678	3754567.516	784.00

** End of LINE VOLUME Source ID = SLINE6

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE7

** DESCRSRC Onsite

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 0.00008671

** Vertical Dimension = 6.99

** SZINIT = 3.25

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** Nodes = 14
** 500106.896, 3754411.202, 775.93, 3.49, 4.00
** 500152.401, 3754410.389, 774.00, 3.49, 4.00
** 500167.841, 3754409.983, 769.83, 3.49, 4.00
** 500181.249, 3754406.326, 769.12, 3.49, 4.00
** 500207.658, 3754403.076, 771.34, 3.49, 4.00
** 500429.498, 3754394.137, 777.26, 3.49, 4.00
** 500444.531, 3754396.575, 778.00, 3.49, 4.00
** 500456.720, 3754402.670, 778.42, 3.49, 4.00
** 500446.969, 3754419.734, 778.93, 3.49, 4.00
** 500440.874, 3754708.207, 782.01, 3.49, 4.00
** 500428.685, 3754716.333, 780.51, 3.49, 4.00
** 500177.186, 3754716.333, 778.40, 3.49, 4.00
** 500170.279, 3754708.613, 778.86, 3.49, 4.00
** 500172.310, 3754413.640, 770.60, 3.49, 4.00

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** -----
LOCATION L0004975      VOLUME  500111.190 3754411.125 775.97
LOCATION L0004976      VOLUME  500119.779 3754410.972 775.54
LOCATION L0004977      VOLUME  500128.367 3754410.818 775.11
LOCATION L0004978      VOLUME  500136.956 3754410.665 774.67
LOCATION L0004979      VOLUME  500145.545 3754410.512 773.74
LOCATION L0004980      VOLUME  500154.133 3754410.344 772.42
LOCATION L0004981      VOLUME  500162.720 3754410.118 771.08
LOCATION L0004982      VOLUME  500171.186 3754409.071 769.74
LOCATION L0004983      VOLUME  500179.473 3754406.810 769.78
LOCATION L0004984      VOLUME  500187.948 3754405.502 770.08
LOCATION L0004985      VOLUME  500196.474 3754404.452 770.50
LOCATION L0004986      VOLUME  500204.999 3754403.403 771.37
LOCATION L0004987      VOLUME  500213.565 3754402.838 772.59
LOCATION L0004988      VOLUME  500222.148 3754402.492 773.80
LOCATION L0004989      VOLUME  500230.731 3754402.146 775.00
LOCATION L0004990      VOLUME  500239.314 3754401.800 775.05
LOCATION L0004991      VOLUME  500247.897 3754401.455 775.10
LOCATION L0004992      VOLUME  500256.480 3754401.109 775.14
LOCATION L0004993      VOLUME  500265.063 3754400.763 775.01
LOCATION L0004994      VOLUME  500273.646 3754400.417 774.71
LOCATION L0004995      VOLUME  500282.229 3754400.071 774.41
LOCATION L0004996      VOLUME  500290.812 3754399.725 774.12
LOCATION L0004997      VOLUME  500299.395 3754399.380 773.85
LOCATION L0004998      VOLUME  500307.978 3754399.034 773.58
LOCATION L0004999      VOLUME  500316.561 3754398.688 773.30
LOCATION L0005000      VOLUME  500325.144 3754398.342 773.28
LOCATION L0005001      VOLUME  500333.727 3754397.996 773.51
LOCATION L0005002      VOLUME  500342.310 3754397.650 773.75
LOCATION L0005003      VOLUME  500350.893 3754397.305 774.00
LOCATION L0005004      VOLUME  500359.476 3754396.959 774.01
LOCATION L0005005      VOLUME  500368.059 3754396.613 774.01
LOCATION L0005006      VOLUME  500376.642 3754396.267 774.00
LOCATION L0005007      VOLUME  500385.225 3754395.921 774.31
LOCATION L0005008      VOLUME  500393.808 3754395.575 774.89
LOCATION L0005009      VOLUME  500402.391 3754395.229 775.46
LOCATION L0005010      VOLUME  500410.974 3754394.884 776.02
LOCATION L0005011      VOLUME  500419.557 3754394.538 776.59
LOCATION L0005012      VOLUME  500428.140 3754394.192 777.16
LOCATION L0005013      VOLUME  500436.636 3754395.295 777.73
LOCATION L0005014      VOLUME  500445.060 3754396.840 778.17
LOCATION L0005015      VOLUME  500452.744 3754400.681 778.56
LOCATION L0005016      VOLUME  500454.664 3754406.268 778.81
LOCATION L0005017      VOLUME  500450.402 3754413.726 778.91
LOCATION L0005018      VOLUME  500446.934 3754421.404 779.05
LOCATION L0005019      VOLUME  500446.752 3754429.992 779.20
LOCATION L0005020      VOLUME  500446.571 3754438.580 779.20
LOCATION L0005021      VOLUME  500446.389 3754447.168 779.19
LOCATION L0005022      VOLUME  500446.208 3754455.756 779.18
LOCATION L0005023      VOLUME  500446.026 3754464.344 779.18
LOCATION L0005024      VOLUME  500445.845 3754472.932 779.17

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LOCATION	L0005025	VOLUME	500445.664	3754481.520	779.17
LOCATION	L0005026	VOLUME	500445.482	3754490.108	779.16
LOCATION	L0005027	VOLUME	500445.301	3754498.697	779.15
LOCATION	L0005028	VOLUME	500445.119	3754507.285	779.15
LOCATION	L0005029	VOLUME	500444.938	3754515.873	779.14
LOCATION	L0005030	VOLUME	500444.756	3754524.461	779.38
LOCATION	L0005031	VOLUME	500444.575	3754533.049	779.62
LOCATION	L0005032	VOLUME	500444.393	3754541.637	779.87
LOCATION	L0005033	VOLUME	500444.212	3754550.225	780.00
LOCATION	L0005034	VOLUME	500444.031	3754558.813	780.00
LOCATION	L0005035	VOLUME	500443.849	3754567.401	780.00
LOCATION	L0005036	VOLUME	500443.668	3754575.989	780.00
LOCATION	L0005037	VOLUME	500443.486	3754584.577	780.26
LOCATION	L0005038	VOLUME	500443.305	3754593.165	780.52
LOCATION	L0005039	VOLUME	500443.123	3754601.754	780.78
LOCATION	L0005040	VOLUME	500442.942	3754610.342	781.08
LOCATION	L0005041	VOLUME	500442.761	3754618.930	781.39
LOCATION	L0005042	VOLUME	500442.579	3754627.518	781.70
LOCATION	L0005043	VOLUME	500442.398	3754636.106	782.00
LOCATION	L0005044	VOLUME	500442.216	3754644.694	782.01
LOCATION	L0005045	VOLUME	500442.035	3754653.282	782.03
LOCATION	L0005046	VOLUME	500441.853	3754661.870	782.03
LOCATION	L0005047	VOLUME	500441.672	3754670.458	782.03
LOCATION	L0005048	VOLUME	500441.490	3754679.046	782.03
LOCATION	L0005049	VOLUME	500441.309	3754687.634	782.02
LOCATION	L0005050	VOLUME	500441.128	3754696.222	782.01
LOCATION	L0005051	VOLUME	500440.946	3754704.811	781.42
LOCATION	L0005052	VOLUME	500436.554	3754711.087	781.00
LOCATION	L0005053	VOLUME	500429.406	3754715.852	780.80
LOCATION	L0005054	VOLUME	500420.962	3754716.333	780.88
LOCATION	L0005055	VOLUME	500412.372	3754716.333	780.98
LOCATION	L0005056	VOLUME	500403.782	3754716.333	781.00
LOCATION	L0005057	VOLUME	500395.192	3754716.333	781.00
LOCATION	L0005058	VOLUME	500386.602	3754716.333	781.00
LOCATION	L0005059	VOLUME	500378.012	3754716.333	781.00
LOCATION	L0005060	VOLUME	500369.422	3754716.333	781.00
LOCATION	L0005061	VOLUME	500360.832	3754716.333	781.00
LOCATION	L0005062	VOLUME	500352.242	3754716.333	781.00
LOCATION	L0005063	VOLUME	500343.652	3754716.333	781.00
LOCATION	L0005064	VOLUME	500335.062	3754716.333	781.00
LOCATION	L0005065	VOLUME	500326.472	3754716.333	781.00
LOCATION	L0005066	VOLUME	500317.882	3754716.333	781.00
LOCATION	L0005067	VOLUME	500309.292	3754716.333	781.00
LOCATION	L0005068	VOLUME	500300.702	3754716.333	781.00
LOCATION	L0005069	VOLUME	500292.112	3754716.333	781.00
LOCATION	L0005070	VOLUME	500283.522	3754716.333	781.00
LOCATION	L0005071	VOLUME	500274.932	3754716.333	781.00
LOCATION	L0005072	VOLUME	500266.342	3754716.333	781.00
LOCATION	L0005073	VOLUME	500257.752	3754716.333	780.90
LOCATION	L0005074	VOLUME	500249.162	3754716.333	780.62
LOCATION	L0005075	VOLUME	500240.572	3754716.333	780.33
LOCATION	L0005076	VOLUME	500231.982	3754716.333	780.04
LOCATION	L0005077	VOLUME	500223.392	3754716.333	779.76
LOCATION	L0005078	VOLUME	500214.802	3754716.333	779.47
LOCATION	L0005079	VOLUME	500206.212	3754716.333	779.19
LOCATION	L0005080	VOLUME	500197.622	3754716.333	778.93
LOCATION	L0005081	VOLUME	500189.032	3754716.333	778.74
LOCATION	L0005082	VOLUME	500180.442	3754716.333	778.55
LOCATION	L0005083	VOLUME	500173.629	3754712.358	778.51
LOCATION	L0005084	VOLUME	500170.303	3754705.048	778.69
LOCATION	L0005085	VOLUME	500170.362	3754696.459	778.98
LOCATION	L0005086	VOLUME	500170.422	3754687.869	778.72
LOCATION	L0005087	VOLUME	500170.481	3754679.279	778.43
LOCATION	L0005088	VOLUME	500170.540	3754670.689	778.15
LOCATION	L0005089	VOLUME	500170.599	3754662.099	778.13
LOCATION	L0005090	VOLUME	500170.658	3754653.510	778.42

LOCATION	L0005091	VOLUME	500170.717	3754644.920	778.71
LOCATION	L0005092	VOLUME	500170.776	3754636.330	778.99
LOCATION	L0005093	VOLUME	500170.836	3754627.740	779.00
LOCATION	L0005094	VOLUME	500170.895	3754619.150	779.00
LOCATION	L0005095	VOLUME	500170.954	3754610.561	779.01
LOCATION	L0005096	VOLUME	500171.013	3754601.971	779.01
LOCATION	L0005097	VOLUME	500171.072	3754593.381	779.01
LOCATION	L0005098	VOLUME	500171.131	3754584.791	779.02
LOCATION	L0005099	VOLUME	500171.191	3754576.201	779.02
LOCATION	L0005100	VOLUME	500171.250	3754567.612	779.01
LOCATION	L0005101	VOLUME	500171.309	3754559.022	779.01
LOCATION	L0005102	VOLUME	500171.368	3754550.432	779.00
LOCATION	L0005103	VOLUME	500171.427	3754541.842	778.85
LOCATION	L0005104	VOLUME	500171.486	3754533.252	778.55
LOCATION	L0005105	VOLUME	500171.546	3754524.663	778.24
LOCATION	L0005106	VOLUME	500171.605	3754516.073	777.93
LOCATION	L0005107	VOLUME	500171.664	3754507.483	777.08
LOCATION	L0005108	VOLUME	500171.723	3754498.893	776.23
LOCATION	L0005109	VOLUME	500171.782	3754490.303	775.38
LOCATION	L0005110	VOLUME	500171.841	3754481.714	774.82
LOCATION	L0005111	VOLUME	500171.900	3754473.124	774.54
LOCATION	L0005112	VOLUME	500171.960	3754464.534	774.27
LOCATION	L0005113	VOLUME	500172.019	3754455.944	773.99
LOCATION	L0005114	VOLUME	500172.078	3754447.355	773.39
LOCATION	L0005115	VOLUME	500172.137	3754438.765	772.79
LOCATION	L0005116	VOLUME	500172.196	3754430.175	772.18
LOCATION	L0005117	VOLUME	500172.255	3754421.585	771.33

** End of LINE VOLUME Source ID = SLINE7

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE8

** DESCRSRC Distribution 35%

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 3.616E-06

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 9

** 500097.145, 3754410.796, 775.88, 3.49, 4.00

** 500063.015, 3754406.326, 775.87, 3.49, 4.00

** 500063.828, 3754382.761, 775.87, 3.49, 4.00

** 500063.828, 3754345.788, 775.27, 3.49, 4.00

** 500060.578, 3754307.189, 770.70, 3.49, 4.00

** 500050.420, 3754280.373, 762.94, 3.49, 4.00

** 500043.513, 3754256.402, 755.27, 3.49, 4.00

** 500037.012, 3754233.649, 755.65, 3.49, 4.00

** 500038.231, 3754007.340, 773.42, 3.49, 4.00

** -----

LOCATION	L0005118	VOLUME	500092.886	3754410.238	776.00
LOCATION	L0005119	VOLUME	500084.369	3754409.123	776.00
LOCATION	L0005120	VOLUME	500075.851	3754408.007	775.87
LOCATION	L0005121	VOLUME	500067.334	3754406.892	775.68
LOCATION	L0005122	VOLUME	500063.161	3754402.094	775.77
LOCATION	L0005123	VOLUME	500063.457	3754393.509	776.00
LOCATION	L0005124	VOLUME	500063.753	3754384.925	776.00
LOCATION	L0005125	VOLUME	500063.828	3754376.336	776.00
LOCATION	L0005126	VOLUME	500063.828	3754367.746	776.00
LOCATION	L0005127	VOLUME	500063.828	3754359.156	775.90
LOCATION	L0005128	VOLUME	500063.828	3754350.566	775.77
LOCATION	L0005129	VOLUME	500063.508	3754341.989	775.66
LOCATION	L0005130	VOLUME	500062.787	3754333.430	775.13
LOCATION	L0005131	VOLUME	500062.067	3754324.870	773.69
LOCATION	L0005132	VOLUME	500061.346	3754316.310	772.30
LOCATION	L0005133	VOLUME	500060.625	3754307.750	770.94
LOCATION	L0005134	VOLUME	500057.734	3754299.683	769.03

LOCATION	L0005135	VOLUME	500054.692	3754291.650	766.99
LOCATION	L0005136	VOLUME	500051.649	3754283.617	765.07
LOCATION	L0005137	VOLUME	500049.002	3754275.452	763.04
LOCATION	L0005138	VOLUME	500046.624	3754267.198	761.04
LOCATION	L0005139	VOLUME	500044.246	3754258.944	758.91
LOCATION	L0005140	VOLUME	500041.880	3754250.686	756.65
LOCATION	L0005141	VOLUME	500039.520	3754242.426	755.33
LOCATION	L0005142	VOLUME	500037.160	3754234.167	755.27
LOCATION	L0005143	VOLUME	500037.056	3754225.598	755.14
LOCATION	L0005144	VOLUME	500037.102	3754217.008	755.01
LOCATION	L0005145	VOLUME	500037.148	3754208.418	756.87
LOCATION	L0005146	VOLUME	500037.194	3754199.828	758.97
LOCATION	L0005147	VOLUME	500037.241	3754191.238	761.07
LOCATION	L0005148	VOLUME	500037.287	3754182.648	763.21
LOCATION	L0005149	VOLUME	500037.333	3754174.058	765.42
LOCATION	L0005150	VOLUME	500037.380	3754165.468	767.61
LOCATION	L0005151	VOLUME	500037.426	3754156.879	769.81
LOCATION	L0005152	VOLUME	500037.472	3754148.289	770.78
LOCATION	L0005153	VOLUME	500037.518	3754139.699	771.64
LOCATION	L0005154	VOLUME	500037.565	3754131.109	772.50
LOCATION	L0005155	VOLUME	500037.611	3754122.519	773.19
LOCATION	L0005156	VOLUME	500037.657	3754113.929	773.64
LOCATION	L0005157	VOLUME	500037.703	3754105.339	774.09
LOCATION	L0005158	VOLUME	500037.750	3754096.749	774.54
LOCATION	L0005159	VOLUME	500037.796	3754088.160	774.57
LOCATION	L0005160	VOLUME	500037.842	3754079.570	774.57
LOCATION	L0005161	VOLUME	500037.888	3754070.980	774.57
LOCATION	L0005162	VOLUME	500037.935	3754062.390	774.58
LOCATION	L0005163	VOLUME	500037.981	3754053.800	774.58
LOCATION	L0005164	VOLUME	500038.027	3754045.210	774.58
LOCATION	L0005165	VOLUME	500038.073	3754036.620	774.58
LOCATION	L0005166	VOLUME	500038.120	3754028.030	774.31
LOCATION	L0005167	VOLUME	500038.166	3754019.441	774.03
LOCATION	L0005168	VOLUME	500038.212	3754010.851	773.74

** End of LINE VOLUME Source ID = SLINE8

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE9

** DESCRSRC 4th 20%

** PREFIX

** Length of Side = 14.00

** Configuration = Adjacent

** Emission Rate = 2.151E-06

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 2

** 500047.170, 3753996.776, 773.97, 3.49, 6.51

** 500502.226, 3753982.149, 776.06, 3.49, 6.51

** -----

LOCATION	L0005169	VOLUME	500054.166	3753996.551	774.12
LOCATION	L0005170	VOLUME	500068.159	3753996.101	774.58
LOCATION	L0005171	VOLUME	500082.152	3753995.652	775.03
LOCATION	L0005172	VOLUME	500096.145	3753995.202	775.33
LOCATION	L0005173	VOLUME	500110.137	3753994.752	775.61
LOCATION	L0005174	VOLUME	500124.130	3753994.302	775.33
LOCATION	L0005175	VOLUME	500138.123	3753993.853	775.05
LOCATION	L0005176	VOLUME	500152.116	3753993.403	774.84
LOCATION	L0005177	VOLUME	500166.108	3753992.953	774.63
LOCATION	L0005178	VOLUME	500180.101	3753992.503	774.06
LOCATION	L0005179	VOLUME	500194.094	3753992.053	773.34
LOCATION	L0005180	VOLUME	500208.087	3753991.604	772.27
LOCATION	L0005181	VOLUME	500222.079	3753991.154	770.86
LOCATION	L0005182	VOLUME	500236.072	3753990.704	770.04
LOCATION	L0005183	VOLUME	500250.065	3753990.254	770.23
LOCATION	L0005184	VOLUME	500264.058	3753989.805	770.37
LOCATION	L0005185	VOLUME	500278.051	3753989.355	770.32

LOCATION	L0005186	VOLUME	500292.043	3753988.905	770.25
LOCATION	L0005187	VOLUME	500306.036	3753988.455	769.93
LOCATION	L0005188	VOLUME	500320.029	3753988.006	769.60
LOCATION	L0005189	VOLUME	500334.022	3753987.556	769.97
LOCATION	L0005190	VOLUME	500348.014	3753987.106	770.38
LOCATION	L0005191	VOLUME	500362.007	3753986.656	771.27
LOCATION	L0005192	VOLUME	500376.000	3753986.206	772.31
LOCATION	L0005193	VOLUME	500389.993	3753985.757	773.06
LOCATION	L0005194	VOLUME	500403.986	3753985.307	773.69
LOCATION	L0005195	VOLUME	500417.978	3753984.857	774.24
LOCATION	L0005196	VOLUME	500431.971	3753984.407	774.71
LOCATION	L0005197	VOLUME	500445.964	3753983.958	775.18
LOCATION	L0005198	VOLUME	500459.957	3753983.508	775.64
LOCATION	L0005199	VOLUME	500473.949	3753983.058	776.03
LOCATION	L0005200	VOLUME	500487.942	3753982.608	776.12
LOCATION	L0005201	VOLUME	500501.935	3753982.159	776.29

** End of LINE VOLUME Source ID = SLINE9

**

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE10

** DESCRSRC 4th 30%

** PREFIX

** Length of Side = 14.00

** Configuration = Adjacent

** Emission Rate = 0.000016

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 22

** 500040.095, 3753996.441, 773.85, 3.49, 6.51

** 499988.947, 3753995.485, 769.69, 3.49, 6.51

** 499890.955, 3753995.963, 763.55, 3.49, 6.51

** 499828.335, 3753998.831, 763.81, 3.49, 6.51

** 499792.962, 3754004.089, 760.33, 3.49, 6.51

** 499585.027, 3754084.873, 753.53, 3.49, 6.51

** 499537.703, 3754099.214, 755.94, 3.49, 6.51

** 499505.198, 3754105.906, 752.96, 3.49, 6.51

** 499480.342, 3754109.252, 750.89, 3.49, 6.51

** 499413.420, 3754107.818, 745.66, 3.49, 6.51

** 499106.058, 3754099.214, 745.42, 3.49, 6.51

** 499037.224, 3754098.736, 746.01, 3.49, 6.51

** 498984.165, 3754103.994, 744.17, 3.49, 6.51

** 498913.897, 3754121.680, 744.86, 3.49, 6.51

** 498846.497, 3754152.751, 744.05, 3.49, 6.51

** 498812.080, 3754174.262, 744.00, 3.49, 6.51

** 498746.114, 3754208.201, 744.82, 3.49, 6.51

** 498681.105, 3754228.755, 744.20, 3.49, 6.51

** 498625.177, 3754234.491, 741.65, 3.49, 6.51

** 498528.141, 3754235.925, 731.52, 3.49, 6.51

** 498462.175, 3754236.881, 731.85, 3.49, 6.51

** 498451.181, 3754869.770, 742.18, 3.49, 6.51

**

LOCATION	L0005202	VOLUME	500033.096	3753996.310	773.22
LOCATION	L0005203	VOLUME	500019.098	3753996.049	772.51
LOCATION	L0005204	VOLUME	500005.101	3753995.787	771.10
LOCATION	L0005205	VOLUME	499991.103	3753995.525	769.69
LOCATION	L0005206	VOLUME	499977.104	3753995.543	768.45
LOCATION	L0005207	VOLUME	499963.104	3753995.611	767.22
LOCATION	L0005208	VOLUME	499949.104	3753995.679	765.96
LOCATION	L0005209	VOLUME	499935.104	3753995.748	764.71
LOCATION	L0005210	VOLUME	499921.104	3753995.816	764.31
LOCATION	L0005211	VOLUME	499907.104	3753995.884	763.32
LOCATION	L0005212	VOLUME	499893.105	3753995.953	763.24
LOCATION	L0005213	VOLUME	499879.117	3753996.505	763.13
LOCATION	L0005214	VOLUME	499865.132	3753997.146	763.18
LOCATION	L0005215	VOLUME	499851.146	3753997.786	763.46
LOCATION	L0005216	VOLUME	499837.161	3753998.427	763.69

LOCATION	L0005217	VOLUME	499823.226	3753999.591	763.79
LOCATION	L0005218	VOLUME	499809.379	3754001.649	763.88
LOCATION	L0005219	VOLUME	499795.531	3754003.707	761.65
LOCATION	L0005220	VOLUME	499782.333	3754008.219	759.13
LOCATION	L0005221	VOLUME	499769.283	3754013.289	756.57
LOCATION	L0005222	VOLUME	499756.233	3754018.359	754.37
LOCATION	L0005223	VOLUME	499743.184	3754023.428	752.71
LOCATION	L0005224	VOLUME	499730.134	3754028.498	751.54
LOCATION	L0005225	VOLUME	499717.084	3754033.568	750.67
LOCATION	L0005226	VOLUME	499704.034	3754038.638	750.07
LOCATION	L0005227	VOLUME	499690.985	3754043.708	749.78
LOCATION	L0005228	VOLUME	499677.935	3754048.778	749.84
LOCATION	L0005229	VOLUME	499664.885	3754053.848	749.91
LOCATION	L0005230	VOLUME	499651.835	3754058.918	750.06
LOCATION	L0005231	VOLUME	499638.786	3754063.988	750.11
LOCATION	L0005232	VOLUME	499625.736	3754069.058	750.06
LOCATION	L0005233	VOLUME	499612.686	3754074.127	750.25
LOCATION	L0005234	VOLUME	499599.636	3754079.197	750.83
LOCATION	L0005235	VOLUME	499586.587	3754084.267	752.44
LOCATION	L0005236	VOLUME	499573.230	3754088.448	753.59
LOCATION	L0005237	VOLUME	499559.832	3754092.508	754.60
LOCATION	L0005238	VOLUME	499546.433	3754096.568	755.62
LOCATION	L0005239	VOLUME	499532.926	3754100.197	755.23
LOCATION	L0005240	VOLUME	499519.213	3754103.021	753.86
LOCATION	L0005241	VOLUME	499505.501	3754105.844	752.71
LOCATION	L0005242	VOLUME	499491.629	3754107.733	751.98
LOCATION	L0005243	VOLUME	499477.732	3754109.196	751.24
LOCATION	L0005244	VOLUME	499463.735	3754108.896	750.30
LOCATION	L0005245	VOLUME	499449.738	3754108.596	749.29
LOCATION	L0005246	VOLUME	499435.741	3754108.296	747.31
LOCATION	L0005247	VOLUME	499421.745	3754107.996	745.36
LOCATION	L0005248	VOLUME	499407.749	3754107.659	744.27
LOCATION	L0005249	VOLUME	499393.754	3754107.267	743.23
LOCATION	L0005250	VOLUME	499379.760	3754106.876	743.39
LOCATION	L0005251	VOLUME	499365.765	3754106.484	743.86
LOCATION	L0005252	VOLUME	499351.771	3754106.092	745.18
LOCATION	L0005253	VOLUME	499337.776	3754105.700	746.94
LOCATION	L0005254	VOLUME	499323.782	3754105.309	748.69
LOCATION	L0005255	VOLUME	499309.787	3754104.917	750.50
LOCATION	L0005256	VOLUME	499295.793	3754104.525	751.01
LOCATION	L0005257	VOLUME	499281.798	3754104.133	748.96
LOCATION	L0005258	VOLUME	499267.804	3754103.742	747.19
LOCATION	L0005259	VOLUME	499253.809	3754103.350	746.58
LOCATION	L0005260	VOLUME	499239.815	3754102.958	745.89
LOCATION	L0005261	VOLUME	499225.820	3754102.566	744.73
LOCATION	L0005262	VOLUME	499211.826	3754102.175	743.68
LOCATION	L0005263	VOLUME	499197.831	3754101.783	744.15
LOCATION	L0005264	VOLUME	499183.837	3754101.391	744.73
LOCATION	L0005265	VOLUME	499169.842	3754100.999	744.93
LOCATION	L0005266	VOLUME	499155.848	3754100.608	744.99
LOCATION	L0005267	VOLUME	499141.853	3754100.216	745.42
LOCATION	L0005268	VOLUME	499127.858	3754099.824	746.10
LOCATION	L0005269	VOLUME	499113.864	3754099.432	746.21
LOCATION	L0005270	VOLUME	499099.867	3754099.171	745.71
LOCATION	L0005271	VOLUME	499085.868	3754099.074	745.69
LOCATION	L0005272	VOLUME	499071.868	3754098.976	746.57
LOCATION	L0005273	VOLUME	499057.868	3754098.879	747.17
LOCATION	L0005274	VOLUME	499043.869	3754098.782	746.66
LOCATION	L0005275	VOLUME	499029.905	3754099.461	746.20
LOCATION	L0005276	VOLUME	499015.973	3754100.842	745.83
LOCATION	L0005277	VOLUME	499002.041	3754102.222	745.45
LOCATION	L0005278	VOLUME	498988.109	3754103.603	745.08
LOCATION	L0005279	VOLUME	498974.432	3754106.444	744.81
LOCATION	L0005280	VOLUME	498960.856	3754109.861	744.59
LOCATION	L0005281	VOLUME	498947.279	3754113.278	744.36
LOCATION	L0005282	VOLUME	498933.703	3754116.695	744.37

LOCATION	L0005283	VOLUME	498920.126	3754120.112	744.60
LOCATION	L0005284	VOLUME	498907.016	3754124.852	744.91
LOCATION	L0005285	VOLUME	498894.302	3754130.713	744.92
LOCATION	L0005286	VOLUME	498881.588	3754136.574	744.66
LOCATION	L0005287	VOLUME	498868.874	3754142.436	744.46
LOCATION	L0005288	VOLUME	498856.160	3754148.297	744.26
LOCATION	L0005289	VOLUME	498843.648	3754154.532	744.04
LOCATION	L0005290	VOLUME	498831.776	3754161.952	744.00
LOCATION	L0005291	VOLUME	498819.904	3754169.372	743.97
LOCATION	L0005292	VOLUME	498807.835	3754176.446	743.72
LOCATION	L0005293	VOLUME	498795.386	3754182.851	743.82
LOCATION	L0005294	VOLUME	498782.937	3754189.256	744.18
LOCATION	L0005295	VOLUME	498770.488	3754195.660	744.42
LOCATION	L0005296	VOLUME	498758.039	3754202.065	744.53
LOCATION	L0005297	VOLUME	498745.552	3754208.378	744.74
LOCATION	L0005298	VOLUME	498732.204	3754212.599	744.88
LOCATION	L0005299	VOLUME	498718.855	3754216.819	745.01
LOCATION	L0005300	VOLUME	498705.506	3754221.040	745.03
LOCATION	L0005301	VOLUME	498692.158	3754225.260	744.80
LOCATION	L0005302	VOLUME	498678.710	3754229.001	744.58
LOCATION	L0005303	VOLUME	498664.783	3754230.429	744.38
LOCATION	L0005304	VOLUME	498650.856	3754231.858	744.18
LOCATION	L0005305	VOLUME	498636.929	3754233.286	743.67
LOCATION	L0005306	VOLUME	498622.991	3754234.524	742.33
LOCATION	L0005307	VOLUME	498608.992	3754234.731	740.79
LOCATION	L0005308	VOLUME	498594.994	3754234.937	737.73
LOCATION	L0005309	VOLUME	498580.995	3754235.144	734.65
LOCATION	L0005310	VOLUME	498566.997	3754235.351	733.58
LOCATION	L0005311	VOLUME	498552.998	3754235.558	732.58
LOCATION	L0005312	VOLUME	498539.000	3754235.765	732.12
LOCATION	L0005313	VOLUME	498525.001	3754235.971	731.78
LOCATION	L0005314	VOLUME	498511.003	3754236.174	731.56
LOCATION	L0005315	VOLUME	498497.004	3754236.377	731.40
LOCATION	L0005316	VOLUME	498483.006	3754236.580	731.41
LOCATION	L0005317	VOLUME	498469.007	3754236.782	731.58
LOCATION	L0005318	VOLUME	498462.050	3754244.047	731.89
LOCATION	L0005319	VOLUME	498461.807	3754258.045	734.31
LOCATION	L0005320	VOLUME	498461.564	3754272.043	737.09
LOCATION	L0005321	VOLUME	498461.321	3754286.041	738.95
LOCATION	L0005322	VOLUME	498461.078	3754300.039	740.39
LOCATION	L0005323	VOLUME	498460.835	3754314.037	741.53
LOCATION	L0005324	VOLUME	498460.591	3754328.035	742.46
LOCATION	L0005325	VOLUME	498460.348	3754342.032	743.38
LOCATION	L0005326	VOLUME	498460.105	3754356.030	744.30
LOCATION	L0005327	VOLUME	498459.862	3754370.028	744.44
LOCATION	L0005328	VOLUME	498459.619	3754384.026	742.57
LOCATION	L0005329	VOLUME	498459.376	3754398.024	740.71
LOCATION	L0005330	VOLUME	498459.132	3754412.022	738.81
LOCATION	L0005331	VOLUME	498458.889	3754426.020	736.90
LOCATION	L0005332	VOLUME	498458.646	3754440.018	735.05
LOCATION	L0005333	VOLUME	498458.403	3754454.015	733.21
LOCATION	L0005334	VOLUME	498458.160	3754468.013	732.16
LOCATION	L0005335	VOLUME	498457.917	3754482.011	731.26
LOCATION	L0005336	VOLUME	498457.673	3754496.009	731.30
LOCATION	L0005337	VOLUME	498457.430	3754510.007	731.71
LOCATION	L0005338	VOLUME	498457.187	3754524.005	732.93
LOCATION	L0005339	VOLUME	498456.944	3754538.003	734.79
LOCATION	L0005340	VOLUME	498456.701	3754552.001	736.68
LOCATION	L0005341	VOLUME	498456.458	3754565.999	738.60
LOCATION	L0005342	VOLUME	498456.214	3754579.996	740.40
LOCATION	L0005343	VOLUME	498455.971	3754593.994	741.88
LOCATION	L0005344	VOLUME	498455.728	3754607.992	743.21
LOCATION	L0005345	VOLUME	498455.485	3754621.990	743.61
LOCATION	L0005346	VOLUME	498455.242	3754635.988	744.00
LOCATION	L0005347	VOLUME	498454.999	3754649.986	743.91
LOCATION	L0005348	VOLUME	498454.755	3754663.984	743.82

LOCATION	L0005349	VOLUME	498454.512	3754677.982	743.01
LOCATION	L0005350	VOLUME	498454.269	3754691.980	742.07
LOCATION	L0005351	VOLUME	498454.026	3754705.977	742.11
LOCATION	L0005352	VOLUME	498453.783	3754719.975	742.57
LOCATION	L0005353	VOLUME	498453.540	3754733.973	742.76
LOCATION	L0005354	VOLUME	498453.296	3754747.971	742.76
LOCATION	L0005355	VOLUME	498453.053	3754761.969	742.70
LOCATION	L0005356	VOLUME	498452.810	3754775.967	742.57
LOCATION	L0005357	VOLUME	498452.567	3754789.965	742.37
LOCATION	L0005358	VOLUME	498452.324	3754803.963	742.02
LOCATION	L0005359	VOLUME	498452.081	3754817.961	741.73
LOCATION	L0005360	VOLUME	498451.837	3754831.958	741.86
LOCATION	L0005361	VOLUME	498451.594	3754845.956	742.00
LOCATION	L0005362	VOLUME	498451.351	3754859.954	742.14

** End of LINE VOLUME Source ID = SLINE10

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE11

** DESCRSRC Nicholas 65%

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 6.289E-06

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 4

** 500476.155, 3754391.979, 779.05, 3.49, 4.00

** 500495.842, 3754379.545, 779.08, 3.49, 4.00

** 500501.714, 3754180.257, 779.00, 3.49, 4.00

** 500499.296, 3753993.403, 776.70, 3.49, 4.00

** -----

LOCATION	L0005363	VOLUME	500479.786	3754389.686	779.24
LOCATION	L0005364	VOLUME	500487.049	3754385.099	779.35
LOCATION	L0005365	VOLUME	500494.312	3754380.512	779.38
LOCATION	L0005366	VOLUME	500496.042	3754372.768	779.19
LOCATION	L0005367	VOLUME	500496.295	3754364.182	779.00
LOCATION	L0005368	VOLUME	500496.548	3754355.595	779.00
LOCATION	L0005369	VOLUME	500496.801	3754347.009	779.00
LOCATION	L0005370	VOLUME	500497.054	3754338.423	779.00
LOCATION	L0005371	VOLUME	500497.307	3754329.836	778.98
LOCATION	L0005372	VOLUME	500497.560	3754321.250	778.95
LOCATION	L0005373	VOLUME	500497.813	3754312.664	778.93
LOCATION	L0005374	VOLUME	500498.066	3754304.078	778.91
LOCATION	L0005375	VOLUME	500498.319	3754295.491	778.92
LOCATION	L0005376	VOLUME	500498.572	3754286.905	778.93
LOCATION	L0005377	VOLUME	500498.825	3754278.319	778.94
LOCATION	L0005378	VOLUME	500499.078	3754269.733	778.96
LOCATION	L0005379	VOLUME	500499.330	3754261.146	778.98
LOCATION	L0005380	VOLUME	500499.583	3754252.560	778.99
LOCATION	L0005381	VOLUME	500499.836	3754243.974	779.00
LOCATION	L0005382	VOLUME	500500.089	3754235.387	778.99
LOCATION	L0005383	VOLUME	500500.342	3754226.801	778.99
LOCATION	L0005384	VOLUME	500500.595	3754218.215	779.00
LOCATION	L0005385	VOLUME	500500.848	3754209.629	779.00
LOCATION	L0005386	VOLUME	500501.101	3754201.042	779.00
LOCATION	L0005387	VOLUME	500501.354	3754192.456	779.00
LOCATION	L0005388	VOLUME	500501.607	3754183.870	779.00
LOCATION	L0005389	VOLUME	500501.649	3754175.282	779.01
LOCATION	L0005390	VOLUME	500501.538	3754166.692	779.02
LOCATION	L0005391	VOLUME	500501.427	3754158.103	779.02
LOCATION	L0005392	VOLUME	500501.316	3754149.514	779.02
LOCATION	L0005393	VOLUME	500501.205	3754140.925	779.01
LOCATION	L0005394	VOLUME	500501.094	3754132.335	779.00
LOCATION	L0005395	VOLUME	500500.982	3754123.746	779.00
LOCATION	L0005396	VOLUME	500500.871	3754115.157	779.00
LOCATION	L0005397	VOLUME	500500.760	3754106.568	779.00

LOCATION	L0005398	VOLUME	500500.649	3754097.978	779.00
LOCATION	L0005399	VOLUME	500500.538	3754089.389	779.00
LOCATION	L0005400	VOLUME	500500.427	3754080.800	778.99
LOCATION	L0005401	VOLUME	500500.316	3754072.210	778.99
LOCATION	L0005402	VOLUME	500500.205	3754063.621	778.98
LOCATION	L0005403	VOLUME	500500.093	3754055.032	778.97
LOCATION	L0005404	VOLUME	500499.982	3754046.443	778.96
LOCATION	L0005405	VOLUME	500499.871	3754037.853	778.95
LOCATION	L0005406	VOLUME	500499.760	3754029.264	778.49
LOCATION	L0005407	VOLUME	500499.649	3754020.675	777.92
LOCATION	L0005408	VOLUME	500499.538	3754012.085	777.35
LOCATION	L0005409	VOLUME	500499.427	3754003.496	776.87
LOCATION	L0005410	VOLUME	500499.315	3753994.907	776.60

** End of LINE VOLUME Source ID = SLINE11
 ** -----
 ** Line Source Represented by Adjacent Volume Sources
 ** LINE VOLUME Source ID = SLINE12
 ** DESCRSRC Idle W
 ** PREFIX
 ** Length of Side = 8.59
 ** Configuration = Adjacent
 ** Emission Rate = 0.00004624
 ** Vertical Dimension = 6.99
 ** SZINIT = 3.25
 ** Nodes = 2
 ** 500192.248, 3754709.734, 779.08, 3.49, 4.00
 ** 500194.320, 3754481.089, 774.10, 3.49, 4.00
 ** -----

LOCATION	L0005411	VOLUME	500192.287	3754705.440	778.91
LOCATION	L0005412	VOLUME	500192.364	3754696.850	778.99
LOCATION	L0005413	VOLUME	500192.442	3754688.260	778.93
LOCATION	L0005414	VOLUME	500192.520	3754679.671	778.85
LOCATION	L0005415	VOLUME	500192.598	3754671.081	778.78
LOCATION	L0005416	VOLUME	500192.676	3754662.491	778.77
LOCATION	L0005417	VOLUME	500192.754	3754653.902	778.84
LOCATION	L0005418	VOLUME	500192.831	3754645.312	778.92
LOCATION	L0005419	VOLUME	500192.909	3754636.722	778.99
LOCATION	L0005420	VOLUME	500192.987	3754628.133	779.20
LOCATION	L0005421	VOLUME	500193.065	3754619.543	779.41
LOCATION	L0005422	VOLUME	500193.143	3754610.953	779.63
LOCATION	L0005423	VOLUME	500193.221	3754602.364	779.75
LOCATION	L0005424	VOLUME	500193.299	3754593.774	779.75
LOCATION	L0005425	VOLUME	500193.376	3754585.184	779.76
LOCATION	L0005426	VOLUME	500193.454	3754576.595	779.76
LOCATION	L0005427	VOLUME	500193.532	3754568.005	779.56
LOCATION	L0005428	VOLUME	500193.610	3754559.416	779.34
LOCATION	L0005429	VOLUME	500193.688	3754550.826	779.12
LOCATION	L0005430	VOLUME	500193.766	3754542.236	778.67
LOCATION	L0005431	VOLUME	500193.844	3754533.647	777.94
LOCATION	L0005432	VOLUME	500193.921	3754525.057	777.21
LOCATION	L0005433	VOLUME	500193.999	3754516.467	776.47
LOCATION	L0005434	VOLUME	500194.077	3754507.878	775.83
LOCATION	L0005435	VOLUME	500194.155	3754499.288	775.19
LOCATION	L0005436	VOLUME	500194.233	3754490.698	774.55
LOCATION	L0005437	VOLUME	500194.311	3754482.109	774.18

** End of LINE VOLUME Source ID = SLINE12
 ** -----
 ** Line Source Represented by Adjacent Volume Sources
 ** LINE VOLUME Source ID = SLINE13
 ** DESCRSRC Idle E
 ** PREFIX
 ** Length of Side = 8.59
 ** Configuration = Adjacent
 ** Emission Rate = 0.00004624
 ** Vertical Dimension = 6.99
 ** SZINIT = 3.25

```

** Nodes = 2
** 500418.821, 3754708.353, 781.21, 3.49, 4.00
** 500420.548, 3754479.707, 778.62, 3.49, 4.00
** -----
LOCATION L0005438      VOLUME  500418.853 3754704.058 781.13
LOCATION L0005439      VOLUME  500418.918 3754695.468 781.28
LOCATION L0005440      VOLUME  500418.983 3754686.878 781.28
LOCATION L0005441      VOLUME  500419.048 3754678.289 781.28
LOCATION L0005442      VOLUME  500419.113 3754669.699 781.28
LOCATION L0005443      VOLUME  500419.178 3754661.109 781.28
LOCATION L0005444      VOLUME  500419.243 3754652.519 781.29
LOCATION L0005445      VOLUME  500419.308 3754643.930 781.29
LOCATION L0005446      VOLUME  500419.372 3754635.340 781.28
LOCATION L0005447      VOLUME  500419.437 3754626.750 781.20
LOCATION L0005448      VOLUME  500419.502 3754618.160 781.12
LOCATION L0005449      VOLUME  500419.567 3754609.571 781.03
LOCATION L0005450      VOLUME  500419.632 3754600.981 780.83
LOCATION L0005451      VOLUME  500419.697 3754592.391 780.54
LOCATION L0005452      VOLUME  500419.762 3754583.801 780.26
LOCATION L0005453      VOLUME  500419.827 3754575.212 780.00
LOCATION L0005454      VOLUME  500419.891 3754566.622 780.00
LOCATION L0005455      VOLUME  500419.956 3754558.032 780.00
LOCATION L0005456      VOLUME  500420.021 3754549.442 780.00
LOCATION L0005457      VOLUME  500420.086 3754540.853 779.95
LOCATION L0005458      VOLUME  500420.151 3754532.263 779.85
LOCATION L0005459      VOLUME  500420.216 3754523.673 779.76
LOCATION L0005460      VOLUME  500420.281 3754515.083 779.66
LOCATION L0005461      VOLUME  500420.346 3754506.494 779.46
LOCATION L0005462      VOLUME  500420.410 3754497.904 779.27
LOCATION L0005463      VOLUME  500420.475 3754489.314 779.07
LOCATION L0005464      VOLUME  500420.540 3754480.724 778.76
** End of LINE VOLUME Source ID = SLINE13
** Source Parameters **
** LINE VOLUME Source ID = SLINE4
SRCPARAM L0004813      0.000000229      3.49      6.51      3.25
SRCPARAM L0004814      0.000000229      3.49      6.51      3.25
SRCPARAM L0004815      0.000000229      3.49      6.51      3.25
SRCPARAM L0004816      0.000000229      3.49      6.51      3.25
SRCPARAM L0004817      0.000000229      3.49      6.51      3.25
SRCPARAM L0004818      0.000000229      3.49      6.51      3.25
SRCPARAM L0004819      0.000000229      3.49      6.51      3.25
SRCPARAM L0004820      0.000000229      3.49      6.51      3.25
SRCPARAM L0004821      0.000000229      3.49      6.51      3.25
SRCPARAM L0004822      0.000000229      3.49      6.51      3.25
SRCPARAM L0004823      0.000000229      3.49      6.51      3.25
SRCPARAM L0004824      0.000000229      3.49      6.51      3.25
SRCPARAM L0004825      0.000000229      3.49      6.51      3.25
SRCPARAM L0004826      0.000000229      3.49      6.51      3.25
SRCPARAM L0004827      0.000000229      3.49      6.51      3.25
SRCPARAM L0004828      0.000000229      3.49      6.51      3.25
SRCPARAM L0004829      0.000000229      3.49      6.51      3.25
SRCPARAM L0004830      0.000000229      3.49      6.51      3.25
SRCPARAM L0004831      0.000000229      3.49      6.51      3.25
SRCPARAM L0004832      0.000000229      3.49      6.51      3.25
SRCPARAM L0004833      0.000000229      3.49      6.51      3.25
SRCPARAM L0004834      0.000000229      3.49      6.51      3.25
SRCPARAM L0004835      0.000000229      3.49      6.51      3.25
SRCPARAM L0004836      0.000000229      3.49      6.51      3.25
SRCPARAM L0004837      0.000000229      3.49      6.51      3.25
SRCPARAM L0004838      0.000000229      3.49      6.51      3.25
SRCPARAM L0004839      0.000000229      3.49      6.51      3.25
SRCPARAM L0004840      0.000000229      3.49      6.51      3.25
SRCPARAM L0004841      0.000000229      3.49      6.51      3.25
SRCPARAM L0004842      0.000000229      3.49      6.51      3.25
SRCPARAM L0004843      0.000000229      3.49      6.51      3.25
SRCPARAM L0004844      0.000000229      3.49      6.51      3.25

```

SRCPARAM	L0004845	0.0000000229	3.49	6.51	3.25
SRCPARAM	L0004846	0.0000000229	3.49	6.51	3.25
SRCPARAM	L0004847	0.0000000229	3.49	6.51	3.25
SRCPARAM	L0004848	0.0000000229	3.49	6.51	3.25
SRCPARAM	L0004849	0.0000000229	3.49	6.51	3.25
SRCPARAM	L0004850	0.0000000229	3.49	6.51	3.25
SRCPARAM	L0004851	0.0000000229	3.49	6.51	3.25
SRCPARAM	L0004852	0.0000000229	3.49	6.51	3.25
SRCPARAM	L0004853	0.0000000229	3.49	6.51	3.25

* *

[illegible]

* *

SRCPARAM	L0004900	0.000000007132	3.49	4.00	3.25
SRCPARAM	L0004901	0.000000007132	3.49	4.00	3.25
SRCPARAM	L0004902	0.000000007132	3.49	4.00	3.25
SRCPARAM	L0004903	0.000000007132	3.49	4.00	3.25
SRCPARAM	L0004904	0.000000007132	3.49	4.00	3.25
SRCPARAM	L0004905	0.000000007132	3.49	4.00	3.25
SRCPARAM	L0004906	0.000000007132	3.49	4.00	3.25

[illegible]

[illegible]

[illegible]

SRCPARAM	L0005103	0.0000006064	3.49	4.00	3.25
SRCPARAM	L0005104	0.0000006064	3.49	4.00	3.25
SRCPARAM	L0005105	0.0000006064	3.49	4.00	3.25
SRCPARAM	L0005106	0.0000006064	3.49	4.00	3.25
SRCPARAM	L0005107	0.0000006064	3.49	4.00	3.25
SRCPARAM	L0005108	0.0000006064	3.49	4.00	3.25
SRCPARAM	L0005109	0.0000006064	3.49	4.00	3.25
SRCPARAM	L0005110	0.0000006064	3.49	4.00	3.25
SRCPARAM	L0005111	0.0000006064	3.49	4.00	3.25
SRCPARAM	L0005112	0.0000006064	3.49	4.00	3.25
SRCPARAM	L0005113	0.0000006064	3.49	4.00	3.25
SRCPARAM	L0005114	0.0000006064	3.49	4.00	3.25
SRCPARAM	L0005115	0.0000006064	3.49	4.00	3.25
SRCPARAM	L0005116	0.0000006064	3.49	4.00	3.25
SRCPARAM	L0005117	0.0000006064	3.49	4.00	3.25

[illegible]

	SRCPARAM	L0005167	0.0000000709	3.49	4.00	3.25
	SRCPARAM	L0005168	0.0000000709	3.49	4.00	3.25
**	-----					
**	LINE	VOLUME	Source ID =	SLINE9		
	SRCPARAM	L0005169	0.00000006518	3.49	6.51	3.25
	SRCPARAM	L0005170	0.00000006518	3.49	6.51	3.25
	SRCPARAM	L0005171	0.00000006518	3.49	6.51	3.25
	SRCPARAM	L0005172	0.00000006518	3.49	6.51	3.25
	SRCPARAM	L0005173	0.00000006518	3.49	6.51	3.25
	SRCPARAM	L0005174	0.00000006518	3.49	6.51	3.25
	SRCPARAM	L0005175	0.00000006518	3.49	6.51	3.25
	SRCPARAM	L0005176	0.00000006518	3.49	6.51	3.25
	SRCPARAM	L0005177	0.00000006518	3.49	6.51	3.25
	SRCPARAM	L0005178	0.00000006518	3.49	6.51	3.25
	SRCPARAM	L0005179	0.00000006518	3.49	6.51	3.25
	SRCPARAM	L0005180	0.00000006518	3.49	6.51	3.25
	SRCPARAM	L0005181	0.00000006518	3.49	6.51	3.25
	SRCPARAM	L0005182	0.00000006518	3.49	6.51	3.25
	SRCPARAM	L0005183	0.00000006518	3.49	6.51	3.25
	SRCPARAM	L0005184	0.00000006518	3.49	6.51	3.25
	SRCPARAM	L0005185	0.00000006518	3.49	6.51	3.25
	SRCPARAM	L0005186	0.00000006518	3.49	6.51	3.25
	SRCPARAM	L0005187	0.00000006518	3.49	6.51	3.25
	SRCPARAM	L0005188	0.00000006518	3.49	6.51	3.25
	SRCPARAM	L0005189	0.00000006518	3.49	6.51	3.25
	SRCPARAM	L0005190	0.00000006518	3.49	6.51	3.25
	SRCPARAM	L0005191	0.00000006518	3.49	6.51	3.25
	SRCPARAM	L0005192	0.00000006518	3.49	6.51	3.25
	SRCPARAM	L0005193	0.00000006518	3.49	6.51	3.25
	SRCPARAM	L0005194	0.00000006518	3.49	6.51	3.25
	SRCPARAM	L0005195	0.00000006518	3.49	6.51	3.25
	SRCPARAM	L0005196	0.00000006518	3.49	6.51	3.25
	SRCPARAM	L0005197	0.00000006518	3.49	6.51	3.25
	SRCPARAM	L0005198	0.00000006518	3.49	6.51	3.25
	SRCPARAM	L0005199	0.00000006518	3.49	6.51	3.25
	SRCPARAM	L0005200	0.00000006518	3.49	6.51	3.25
	SRCPARAM	L0005201	0.00000006518	3.49	6.51	3.25
**	-----					
**	LINE	VOLUME	Source ID =	SLINE10		
	SRCPARAM	L0005202	0.00000009938	3.49	6.51	3.25
	SRCPARAM	L0005203	0.00000009938	3.49	6.51	3.25
	SRCPARAM	L0005204	0.00000009938	3.49	6.51	3.25
	SRCPARAM	L0005205	0.00000009938	3.49	6.51	3.25
	SRCPARAM	L0005206	0.00000009938	3.49	6.51	3.25
	SRCPARAM	L0005207	0.00000009938	3.49	6.51	3.25
	SRCPARAM	L0005208	0.00000009938	3.49	6.51	3.25
	SRCPARAM	L0005209	0.00000009938	3.49	6.51	3.25
	SRCPARAM	L0005210	0.00000009938	3.49	6.51	3.25
	SRCPARAM	L0005211	0.00000009938	3.49	6.51	3.25
	SRCPARAM	L0005212	0.00000009938	3.49	6.51	3.25
	SRCPARAM	L0005213	0.00000009938	3.49	6.51	3.25
	SRCPARAM	L0005214	0.00000009938	3.49	6.51	3.25
	SRCPARAM	L0005215	0.00000009938	3.49	6.51	3.25
	SRCPARAM	L0005216	0.00000009938	3.49	6.51	3.25
	SRCPARAM	L0005217	0.00000009938	3.49	6.51	3.25
	SRCPARAM	L0005218	0.00000009938	3.49	6.51	3.25
	SRCPARAM	L0005219	0.00000009938	3.49	6.51	3.25
	SRCPARAM	L0005220	0.00000009938	3.49	6.51	3.25
	SRCPARAM	L0005221	0.00000009938	3.49	6.51	3.25
	SRC					

[illegible]

[illegible]

SRCPARAM	L0005423	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005424	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005425	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005426	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005427	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005428	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005429	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005430	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005431	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005432	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005433	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005434	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005435	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005436	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005437	0.000001713	3.49	4.00	3.25

** -----
 ** LINE VOLUME Source ID = SLINE13

SRCPARAM	L0005438	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005439	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005440	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005441	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005442	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005443	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005444	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005445	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005446	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005447	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005448	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005449	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005450	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005451	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005452	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005453	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005454	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005455	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005456	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005457	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005458	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005459	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005460	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005461	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005462	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005463	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005464	0.000001713	3.49	4.00	3.25

 ** -----
 URBANSRC ALL
 SRCGROUP ALL
 SO FINISHED
 **

 ** AERMOD Receptor Pathway

 **
 **
 RE STARTING
 INCLUDED "14410 Ops.rou"
 RE FINISHED
 **

 ** AERMOD Meteorology Pathway

 **
 **
 ME STARTING
 SURFFILE BNAP_V9_ADJU\BNAP_v9.SFC
 PROFFILE BNAP_V9_ADJU\BNAP_v9.PFL


```
SURFDATA 3171 2011
UAIRDATA 3190 2011
SITEDATA 99999 2011
PROFBASE 660.0 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
** Auto-Generated Plotfiles
  PLOTFILE ANNUAL ALL "14410 Ops.AD\AN00GALL.PLT" 31
  SUMMFILE "14410 Ops.sum"
OU FINISHED
**
*****
** Project Parameters
*****
** PROJCTN  CoordinateSystemUTM
** DESCPTN   UTM: Universal Transverse Mercator
** DATUM     World Geodetic System 1984
** DTMRGN    Global Definition
** UNITS      m
** ZONE       11
** ZONEINX    0
**
```

```

** Lakes Environmental AERMOD MPI
**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 10.2.1
** Lakes Environmental Software Inc.
** Date: 9/8/2022
** File: C:\Users\Michael Tirohn\Desktop\HRAs\14410 Orchard Logistics\14410 Ops\14410 Ops.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont Dowling\14410 Op
  MODELOPT DFAULT CONC
  AVERTIME ANNUAL
  URBANOPT 2189641
  POLLUTID DPM
  FLAGPOLE 0.00
  RUNORNOT RUN
  ERRORFIL "14410 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 = SLINE4
** DESCRSRC 4th 70%
** PREFIX
** Length of Side = 14.00
** Configuration = Adjacent
** Emission Rate = 9.389E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 6
** 500505.015, 3753982.836, 776.12, 3.49, 6.51
** 500713.337, 3753974.900, 778.99, 3.49, 6.51
** 500881.979, 3753970.932, 778.78, 3.49, 6.51
** 500944.145, 3753980.191, 780.00, 3.49, 6.51
** 501025.490, 3753984.159, 780.00, 3.49, 6.51
** 501071.784, 3753984.159, 780.00, 3.49, 6.51
** -----
**
LOCATION L0004813    VOLUME    500512.010 3753982.570 776.97
LOCATION L0004814    VOLUME    500526.000 3753982.037 777.89
LOCATION L0004815    VOLUME    500539.990 3753981.504 778.49
LOCATION L0004816    VOLUME    500553.980 3753980.971 778.94
LOCATION L0004817    VOLUME    500567.969 3753980.438 779.14
LOCATION L0004818    VOLUME    500581.959 3753979.905 779.13
LOCATION L0004819    VOLUME    500595.949 3753979.372 779.27
LOCATION L0004820    VOLUME    500609.939 3753978.839 779.67
LOCATION L0004821    VOLUME    500623.929 3753978.306 780.01
LOCATION L0004822    VOLUME    500637.919 3753977.773 780.03
LOCATION L0004823    VOLUME    500651.909 3753977.240 780.08

```

LOCATION	L0004824	VOLUME	500665.898	3753976.707	780.52
LOCATION	L0004825	VOLUME	500679.888	3753976.174	780.97
LOCATION	L0004826	VOLUME	500693.878	3753975.641	780.11
LOCATION	L0004827	VOLUME	500707.868	3753975.108	779.15
LOCATION	L0004828	VOLUME	500721.862	3753974.699	778.56
LOCATION	L0004829	VOLUME	500735.858	3753974.370	778.05
LOCATION	L0004830	VOLUME	500749.854	3753974.041	777.56
LOCATION	L0004831	VOLUME	500763.850	3753973.711	777.07
LOCATION	L0004832	VOLUME	500777.846	3753973.382	776.58
LOCATION	L0004833	VOLUME	500791.842	3753973.053	776.09
LOCATION	L0004834	VOLUME	500805.838	3753972.723	775.64
LOCATION	L0004835	VOLUME	500819.835	3753972.394	775.27
LOCATION	L0004836	VOLUME	500833.831	3753972.065	775.30
LOCATION	L0004837	VOLUME	500847.827	3753971.736	776.63
LOCATION	L0004838	VOLUME	500861.823	3753971.406	777.88
LOCATION	L0004839	VOLUME	500875.819	3753971.077	778.34
LOCATION	L0004840	VOLUME	500889.732	3753972.087	778.83
LOCATION	L0004841	VOLUME	500903.579	3753974.149	779.36
LOCATION	L0004842	VOLUME	500917.426	3753976.211	779.89
LOCATION	L0004843	VOLUME	500931.274	3753978.274	780.00
LOCATION	L0004844	VOLUME	500945.130	3753980.239	780.00
LOCATION	L0004845	VOLUME	500959.114	3753980.921	780.00
LOCATION	L0004846	VOLUME	500973.097	3753981.603	780.00
LOCATION	L0004847	VOLUME	500987.081	3753982.285	780.00
LOCATION	L0004848	VOLUME	501001.064	3753982.967	780.00
LOCATION	L0004849	VOLUME	501015.047	3753983.649	780.00
LOCATION	L0004850	VOLUME	501029.035	3753984.159	780.00
LOCATION	L0004851	VOLUME	501043.035	3753984.159	780.00
LOCATION	L0004852	VOLUME	501057.035	3753984.159	780.00
LOCATION	L0004853	VOLUME	501071.035	3753984.159	780.00

** End of LINE VOLUME Source ID = SLINE4

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE5

** DESCRSRC 4th 35%

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 3.237E-06

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 3

** 501087.039, 3753983.042, 780.00, 3.49, 4.00

** 501238.216, 3753982.044, 779.65, 3.49, 4.00

** 501478.452, 3753983.790, 783.60, 3.49, 4.00

** -----

LOCATION	L0004854	VOLUME	501091.334	3753983.014	780.00
LOCATION	L0004855	VOLUME	501099.924	3753982.957	780.00
LOCATION	L0004856	VOLUME	501108.513	3753982.900	780.00
LOCATION	L0004857	VOLUME	501117.103	3753982.844	780.00
LOCATION	L0004858	VOLUME	501125.693	3753982.787	780.00
LOCATION	L0004859	VOLUME	501134.283	3753982.730	780.00
LOCATION	L0004860	VOLUME	501142.873	3753982.673	780.00
LOCATION	L0004861	VOLUME	501151.462	3753982.617	780.00
LOCATION	L0004862	VOLUME	501160.052	3753982.560	780.00
LOCATION	L0004863	VOLUME	501168.642	3753982.503	780.00
LOCATION	L0004864	VOLUME	501177.232	3753982.447	780.00
LOCATION	L0004865	VOLUME	501185.822	3753982.390	780.00
LOCATION	L0004866	VOLUME	501194.412	3753982.333	779.88
LOCATION	L0004867	VOLUME	501203.001	3753982.277	779.59
LOCATION	L0004868	VOLUME	501211.591	3753982.220	779.30
LOCATION	L0004869	VOLUME	501220.181	3753982.163	779.02
LOCATION	L0004870	VOLUME	501228.771	3753982.107	779.27
LOCATION	L0004871	VOLUME	501237.361	3753982.050	779.56
LOCATION	L0004872	VOLUME	501245.950	3753982.100	779.84
LOCATION	L0004873	VOLUME	501254.540	3753982.163	780.13

LOCATION	L0004874	VOLUME	501263.130	3753982.225	780.41
LOCATION	L0004875	VOLUME	501271.720	3753982.288	780.70
LOCATION	L0004876	VOLUME	501280.309	3753982.350	780.99
LOCATION	L0004877	VOLUME	501288.899	3753982.413	781.00
LOCATION	L0004878	VOLUME	501297.489	3753982.475	781.00
LOCATION	L0004879	VOLUME	501306.079	3753982.537	781.00
LOCATION	L0004880	VOLUME	501314.669	3753982.600	781.03
LOCATION	L0004881	VOLUME	501323.258	3753982.662	781.09
LOCATION	L0004882	VOLUME	501331.848	3753982.725	781.16
LOCATION	L0004883	VOLUME	501340.438	3753982.787	781.22
LOCATION	L0004884	VOLUME	501349.028	3753982.850	781.44
LOCATION	L0004885	VOLUME	501357.617	3753982.912	781.66
LOCATION	L0004886	VOLUME	501366.207	3753982.975	781.88
LOCATION	L0004887	VOLUME	501374.797	3753983.037	782.14
LOCATION	L0004888	VOLUME	501383.387	3753983.099	782.42
LOCATION	L0004889	VOLUME	501391.977	3753983.162	782.71
LOCATION	L0004890	VOLUME	501400.566	3753983.224	783.00
LOCATION	L0004891	VOLUME	501409.156	3753983.287	783.00
LOCATION	L0004892	VOLUME	501417.746	3753983.349	783.00
LOCATION	L0004893	VOLUME	501426.336	3753983.412	783.00
LOCATION	L0004894	VOLUME	501434.925	3753983.474	783.03
LOCATION	L0004895	VOLUME	501443.515	3753983.536	783.11
LOCATION	L0004896	VOLUME	501452.105	3753983.599	783.18
LOCATION	L0004897	VOLUME	501460.695	3753983.661	783.25
LOCATION	L0004898	VOLUME	501469.285	3753983.724	783.47
LOCATION	L0004899	VOLUME	501477.874	3753983.786	783.68

** End of LINE VOLUME Source ID = SLINE5

**

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE6

** DESCRSRC Veile 35%

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 5.349E-06

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 8

** 501081.321, 3753992.058, 780.00, 3.49, 4.00

** 501080.861, 3754068.358, 780.00, 3.49, 4.00

** 501080.861, 3754116.160, 779.47, 3.49, 4.00

** 501081.780, 3754155.843, 779.00, 3.49, 4.00

** 501089.594, 3754189.396, 779.00, 3.49, 4.00

** 501118.245, 3754243.787, 778.96, 3.49, 4.00

** 501310.308, 3754555.999, 783.90, 3.49, 4.00

** 501321.358, 3754573.265, 783.95, 3.49, 4.00

**

LOCATION	L0004900	VOLUME	501081.295	3753996.353	780.00
LOCATION	L0004901	VOLUME	501081.243	3754004.943	780.00
LOCATION	L0004902	VOLUME	501081.191	3754013.533	780.00
LOCATION	L0004903	VOLUME	501081.140	3754022.123	780.00
LOCATION	L0004904	VOLUME	501081.088	3754030.712	780.00
LOCATION	L0004905	VOLUME	501081.036	3754039.302	780.00
LOCATION	L0004906	VOLUME	501080.984	3754047.892	780.00
LOCATION	L0004907	VOLUME	501080.933	3754056.482	780.00
LOCATION	L0004908	VOLUME	501080.881	3754065.072	780.00
LOCATION	L0004909	VOLUME	501080.861	3754073.662	780.00
LOCATION	L0004910	VOLUME	501080.861	3754082.252	780.00
LOCATION	L0004911	VOLUME	501080.861	3754090.842	780.00
LOCATION	L0004912	VOLUME	501080.861	3754099.432	779.93
LOCATION	L0004913	VOLUME	501080.861	3754108.022	779.74
LOCATION	L0004914	VOLUME	501080.871	3754116.612	779.55
LOCATION	L0004915	VOLUME	501081.070	3754125.199	779.37
LOCATION	L0004916	VOLUME	501081.269	3754133.787	779.26
LOCATION	L0004917	VOLUME	501081.468	3754142.375	779.16
LOCATION	L0004918	VOLUME	501081.667	3754150.962	779.06

LOCATION	L0004919	VOLUME	501082.621	3754159.454	779.00
LOCATION	L0004920	VOLUME	501084.570	3754167.821	779.00
LOCATION	L0004921	VOLUME	501086.518	3754176.187	779.00
LOCATION	L0004922	VOLUME	501088.466	3754184.553	779.00
LOCATION	L0004923	VOLUME	501091.280	3754192.596	779.00
LOCATION	L0004924	VOLUME	501095.283	3754200.196	779.00
LOCATION	L0004925	VOLUME	501099.287	3754207.796	779.00
LOCATION	L0004926	VOLUME	501103.290	3754215.397	779.00
LOCATION	L0004927	VOLUME	501107.293	3754222.997	779.00
LOCATION	L0004928	VOLUME	501111.297	3754230.597	779.00
LOCATION	L0004929	VOLUME	501115.300	3754238.197	779.00
LOCATION	L0004930	VOLUME	501119.435	3754245.722	779.00
LOCATION	L0004931	VOLUME	501123.936	3754253.038	779.00
LOCATION	L0004932	VOLUME	501128.437	3754260.355	779.00
LOCATION	L0004933	VOLUME	501132.938	3754267.671	779.07
LOCATION	L0004934	VOLUME	501137.439	3754274.988	779.22
LOCATION	L0004935	VOLUME	501141.939	3754282.304	779.37
LOCATION	L0004936	VOLUME	501146.440	3754289.620	779.52
LOCATION	L0004937	VOLUME	501150.941	3754296.937	779.67
LOCATION	L0004938	VOLUME	501155.442	3754304.253	779.82
LOCATION	L0004939	VOLUME	501159.943	3754311.570	779.98
LOCATION	L0004940	VOLUME	501164.444	3754318.886	780.00
LOCATION	L0004941	VOLUME	501168.944	3754326.203	780.00
LOCATION	L0004942	VOLUME	501173.445	3754333.519	780.00
LOCATION	L0004943	VOLUME	501177.946	3754340.836	780.09
LOCATION	L0004944	VOLUME	501182.447	3754348.152	780.29
LOCATION	L0004945	VOLUME	501186.948	3754355.469	780.57
LOCATION	L0004946	VOLUME	501191.449	3754362.785	780.89
LOCATION	L0004947	VOLUME	501195.950	3754370.102	780.89
LOCATION	L0004948	VOLUME	501200.450	3754377.418	780.75
LOCATION	L0004949	VOLUME	501204.951	3754384.734	780.67
LOCATION	L0004950	VOLUME	501209.452	3754392.051	780.68
LOCATION	L0004951	VOLUME	501213.953	3754399.367	780.78
LOCATION	L0004952	VOLUME	501218.454	3754406.684	780.93
LOCATION	L0004953	VOLUME	501222.955	3754414.000	781.05
LOCATION	L0004954	VOLUME	501227.455	3754421.317	781.19
LOCATION	L0004955	VOLUME	501231.956	3754428.633	781.38
LOCATION	L0004956	VOLUME	501236.457	3754435.950	781.53
LOCATION	L0004957	VOLUME	501240.958	3754443.266	781.68
LOCATION	L0004958	VOLUME	501245.459	3754450.583	781.83
LOCATION	L0004959	VOLUME	501249.960	3754457.899	781.98
LOCATION	L0004960	VOLUME	501254.460	3754465.215	782.00
LOCATION	L0004961	VOLUME	501258.961	3754472.532	782.00
LOCATION	L0004962	VOLUME	501263.462	3754479.848	782.00
LOCATION	L0004963	VOLUME	501267.963	3754487.165	782.02
LOCATION	L0004964	VOLUME	501272.464	3754494.481	782.20
LOCATION	L0004965	VOLUME	501276.965	3754501.798	782.46
LOCATION	L0004966	VOLUME	501281.465	3754509.114	782.77
LOCATION	L0004967	VOLUME	501285.966	3754516.431	783.00
LOCATION	L0004968	VOLUME	501290.467	3754523.747	783.08
LOCATION	L0004969	VOLUME	501294.968	3754531.064	783.24
LOCATION	L0004970	VOLUME	501299.469	3754538.380	783.47
LOCATION	L0004971	VOLUME	501303.970	3754545.697	783.77
LOCATION	L0004972	VOLUME	501308.470	3754553.013	783.93
LOCATION	L0004973	VOLUME	501313.048	3754560.281	784.00
LOCATION	L0004974	VOLUME	501317.678	3754567.516	784.00

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** End of LINE VOLUME Source ID = SLINE6
** -----
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE7
** DESCRSRC Onsite
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 0.00008671
** Vertical Dimension = 6.99

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** SZINIT = 3.25
** Nodes = 14
** 500106.896, 3754411.202, 775.93, 3.49, 4.00
** 500152.401, 3754410.389, 774.00, 3.49, 4.00
** 500167.841, 3754409.983, 769.83, 3.49, 4.00
** 500181.249, 3754406.326, 769.12, 3.49, 4.00
** 500207.658, 3754403.076, 771.34, 3.49, 4.00
** 500429.498, 3754394.137, 777.26, 3.49, 4.00
** 500444.531, 3754396.575, 778.00, 3.49, 4.00
** 500456.720, 3754402.670, 778.42, 3.49, 4.00
** 500446.969, 3754419.734, 778.93, 3.49, 4.00
** 500440.874, 3754708.207, 782.01, 3.49, 4.00
** 500428.685, 3754716.333, 780.51, 3.49, 4.00
** 500177.186, 3754716.333, 778.40, 3.49, 4.00
** 500170.279, 3754708.613, 778.86, 3.49, 4.00
** 500172.310, 3754413.640, 770.60, 3.49, 4.00
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LOCATION L0004975      VOLUME  500111.190 3754411.125 775.97
LOCATION L0004976      VOLUME  500119.779 3754410.972 775.54
LOCATION L0004977      VOLUME  500128.367 3754410.818 775.11
LOCATION L0004978      VOLUME  500136.956 3754410.665 774.67
LOCATION L0004979      VOLUME  500145.545 3754410.512 773.74
LOCATION L0004980      VOLUME  500154.133 3754410.344 772.42
LOCATION L0004981      VOLUME  500162.720 3754410.118 771.08
LOCATION L0004982      VOLUME  500171.186 3754409.071 769.74
LOCATION L0004983      VOLUME  500179.473 3754406.810 769.78
LOCATION L0004984      VOLUME  500187.948 3754405.502 770.08
LOCATION L0004985      VOLUME  500196.474 3754404.452 770.50
LOCATION L0004986      VOLUME  500204.999 3754403.403 771.37
LOCATION L0004987      VOLUME  500213.565 3754402.838 772.59
LOCATION L0004988      VOLUME  500222.148 3754402.492 773.80
LOCATION L0004989      VOLUME  500230.731 3754402.146 775.00
LOCATION L0004990      VOLUME  500239.314 3754401.800 775.05
LOCATION L0004991      VOLUME  500247.897 3754401.455 775.10
LOCATION L0004992      VOLUME  500256.480 3754401.109 775.14
LOCATION L0004993      VOLUME  500265.063 3754400.763 775.01
LOCATION L0004994      VOLUME  500273.646 3754400.417 774.71
LOCATION L0004995      VOLUME  500282.229 3754400.071 774.41
LOCATION L0004996      VOLUME  500290.812 3754399.725 774.12
LOCATION L0004997      VOLUME  500299.395 3754399.380 773.85
LOCATION L0004998      VOLUME  500307.978 3754399.034 773.58
LOCATION L0004999      VOLUME  500316.561 3754398.688 773.30
LOCATION L0005000      VOLUME  500325.144 3754398.342 773.28
LOCATION L0005001      VOLUME  500333.727 3754397.996 773.51
LOCATION L0005002      VOLUME  500342.310 3754397.650 773.75
LOCATION L0005003      VOLUME  500350.893 3754397.305 774.00
LOCATION L0005004      VOLUME  500359.476 3754396.959 774.01
LOCATION L0005005      VOLUME  500368.059 3754396.613 774.01
LOCATION L0005006      VOLUME  500376.642 3754396.267 774.00
LOCATION L0005007      VOLUME  500385.225 3754395.921 774.31
LOCATION L0005008      VOLUME  500393.808 3754395.575 774.89
LOCATION L0005009      VOLUME  500402.391 3754395.229 775.46
LOCATION L0005010      VOLUME  500410.974 3754394.884 776.02
LOCATION L0005011      VOLUME  500419.557 3754394.538 776.59
LOCATION L0005012      VOLUME  500428.140 3754394.192 777.16
LOCATION L0005013      VOLUME  500436.636 3754395.295 777.73
LOCATION L0005014      VOLUME  500445.060 3754396.840 778.17
LOCATION L0005015      VOLUME  500452.744 3754400.681 778.56
LOCATION L0005016      VOLUME  500454.664 3754406.268 778.81
LOCATION L0005017      VOLUME  500450.402 3754413.726 778.91
LOCATION L0005018      VOLUME  500446.934 3754421.404 779.05
LOCATION L0005019      VOLUME  500446.752 3754429.992 779.20
LOCATION L0005020      VOLUME  500446.571 3754438.580 779.20
LOCATION L0005021      VOLUME  500446.389 3754447.168 779.19
LOCATION L0005022      VOLUME  500446.208 3754455.756 779.18
LOCATION L0005023      VOLUME  500446.026 3754464.344 779.18

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LOCATION	L0005024	VOLUME	500445.845	3754472.932	779.17
LOCATION	L0005025	VOLUME	500445.664	3754481.520	779.17
LOCATION	L0005026	VOLUME	500445.482	3754490.108	779.16
LOCATION	L0005027	VOLUME	500445.301	3754498.697	779.15
LOCATION	L0005028	VOLUME	500445.119	3754507.285	779.15
LOCATION	L0005029	VOLUME	500444.938	3754515.873	779.14
LOCATION	L0005030	VOLUME	500444.756	3754524.461	779.38
LOCATION	L0005031	VOLUME	500444.575	3754533.049	779.62
LOCATION	L0005032	VOLUME	500444.393	3754541.637	779.87
LOCATION	L0005033	VOLUME	500444.212	3754550.225	780.00
LOCATION	L0005034	VOLUME	500444.031	3754558.813	780.00
LOCATION	L0005035	VOLUME	500443.849	3754567.401	780.00
LOCATION	L0005036	VOLUME	500443.668	3754575.989	780.00
LOCATION	L0005037	VOLUME	500443.486	3754584.577	780.26
LOCATION	L0005038	VOLUME	500443.305	3754593.165	780.52
LOCATION	L0005039	VOLUME	500443.123	3754601.754	780.78
LOCATION	L0005040	VOLUME	500442.942	3754610.342	781.08
LOCATION	L0005041	VOLUME	500442.761	3754618.930	781.39
LOCATION	L0005042	VOLUME	500442.579	3754627.518	781.70
LOCATION	L0005043	VOLUME	500442.398	3754636.106	782.00
LOCATION	L0005044	VOLUME	500442.216	3754644.694	782.01
LOCATION	L0005045	VOLUME	500442.035	3754653.282	782.03
LOCATION	L0005046	VOLUME	500441.853	3754661.870	782.03
LOCATION	L0005047	VOLUME	500441.672	3754670.458	782.03
LOCATION	L0005048	VOLUME	500441.490	3754679.046	782.03
LOCATION	L0005049	VOLUME	500441.309	3754687.634	782.02
LOCATION	L0005050	VOLUME	500441.128	3754696.222	782.01
LOCATION	L0005051	VOLUME	500440.946	3754704.811	781.42
LOCATION	L0005052	VOLUME	500436.554	3754711.087	781.00
LOCATION	L0005053	VOLUME	500429.406	3754715.852	780.80
LOCATION	L0005054	VOLUME	500420.962	3754716.333	780.88
LOCATION	L0005055	VOLUME	500412.372	3754716.333	780.98
LOCATION	L0005056	VOLUME	500403.782	3754716.333	781.00
LOCATION	L0005057	VOLUME	500395.192	3754716.333	781.00
LOCATION	L0005058	VOLUME	500386.602	3754716.333	781.00
LOCATION	L0005059	VOLUME	500378.012	3754716.333	781.00
LOCATION	L0005060	VOLUME	500369.422	3754716.333	781.00
LOCATION	L0005061	VOLUME	500360.832	3754716.333	781.00
LOCATION	L0005062	VOLUME	500352.242	3754716.333	781.00
LOCATION	L0005063	VOLUME	500343.652	3754716.333	781.00
LOCATION	L0005064	VOLUME	500335.062	3754716.333	781.00
LOCATION	L0005065	VOLUME	500326.472	3754716.333	781.00
LOCATION	L0005066	VOLUME	500317.882	3754716.333	781.00
LOCATION	L0005067	VOLUME	500309.292	3754716.333	781.00
LOCATION	L0005068	VOLUME	500300.702	3754716.333	781.00
LOCATION	L0005069	VOLUME	500292.112	3754716.333	781.00
LOCATION	L0005070	VOLUME	500283.522	3754716.333	781.00
LOCATION	L0005071	VOLUME	500274.932	3754716.333	781.00
LOCATION	L0005072	VOLUME	500266.342	3754716.333	781.00
LOCATION	L0005073	VOLUME	500257.752	3754716.333	780.90
LOCATION	L0005074	VOLUME	500249.162	3754716.333	780.62
LOCATION	L0005075	VOLUME	500240.572	3754716.333	780.33
LOCATION	L0005076	VOLUME	500231.982	3754716.333	780.04
LOCATION	L0005077	VOLUME	500223.392	3754716.333	779.76
LOCATION	L0005078	VOLUME	500214.802	3754716.333	779.47
LOCATION	L0005079	VOLUME	500206.212	3754716.333	779.19
LOCATION	L0005080	VOLUME	500197.622	3754716.333	778.93
LOCATION	L0005081	VOLUME	500189.032	3754716.333	778.74
LOCATION	L0005082	VOLUME	500180.442	3754716.333	778.55
LOCATION	L0005083	VOLUME	500173.629	3754712.358	778.51
LOCATION	L0005084	VOLUME	500170.303	3754705.048	778.69
LOCATION	L0005085	VOLUME	500170.362	3754696.459	778.98
LOCATION	L0005086	VOLUME	500170.422	3754687.869	778.72
LOCATION	L0005087	VOLUME	500170.481	3754679.279	778.43
LOCATION	L0005088	VOLUME	500170.540	3754670.689	778.15
LOCATION	L0005089	VOLUME	500170.599	3754662.099	778.13

LOCATION	L0005090	VOLUME	500170.658	3754653.510	778.42
LOCATION	L0005091	VOLUME	500170.717	3754644.920	778.71
LOCATION	L0005092	VOLUME	500170.776	3754636.330	778.99
LOCATION	L0005093	VOLUME	500170.836	3754627.740	779.00
LOCATION	L0005094	VOLUME	500170.895	3754619.150	779.00
LOCATION	L0005095	VOLUME	500170.954	3754610.561	779.01
LOCATION	L0005096	VOLUME	500171.013	3754601.971	779.01
LOCATION	L0005097	VOLUME	500171.072	3754593.381	779.01
LOCATION	L0005098	VOLUME	500171.131	3754584.791	779.02
LOCATION	L0005099	VOLUME	500171.191	3754576.201	779.02
LOCATION	L0005100	VOLUME	500171.250	3754567.612	779.01
LOCATION	L0005101	VOLUME	500171.309	3754559.022	779.01
LOCATION	L0005102	VOLUME	500171.368	3754550.432	779.00
LOCATION	L0005103	VOLUME	500171.427	3754541.842	778.85
LOCATION	L0005104	VOLUME	500171.486	3754533.252	778.55
LOCATION	L0005105	VOLUME	500171.546	3754524.663	778.24
LOCATION	L0005106	VOLUME	500171.605	3754516.073	777.93
LOCATION	L0005107	VOLUME	500171.664	3754507.483	777.08
LOCATION	L0005108	VOLUME	500171.723	3754498.893	776.23
LOCATION	L0005109	VOLUME	500171.782	3754490.303	775.38
LOCATION	L0005110	VOLUME	500171.841	3754481.714	774.82
LOCATION	L0005111	VOLUME	500171.900	3754473.124	774.54
LOCATION	L0005112	VOLUME	500171.960	3754464.534	774.27
LOCATION	L0005113	VOLUME	500172.019	3754455.944	773.99
LOCATION	L0005114	VOLUME	500172.078	3754447.355	773.39
LOCATION	L0005115	VOLUME	500172.137	3754438.765	772.79
LOCATION	L0005116	VOLUME	500172.196	3754430.175	772.18
LOCATION	L0005117	VOLUME	500172.255	3754421.585	771.33

** End of LINE VOLUME Source ID = SLINE7
 ** -----
 ** Line Source Represented by Adjacent Volume Sources
 ** LINE VOLUME Source ID = SLINE8
 ** DESCRSRC Distribution 35%
 ** PREFIX
 ** Length of Side = 8.59
 ** Configuration = Adjacent
 ** Emission Rate = 3.616E-06
 ** Vertical Dimension = 6.99
 ** SZINIT = 3.25
 ** Nodes = 9
 ** 500097.145, 3754410.796, 775.88, 3.49, 4.00
 ** 500063.015, 3754406.326, 775.87, 3.49, 4.00
 ** 500063.828, 3754382.761, 775.87, 3.49, 4.00
 ** 500063.828, 3754345.788, 775.27, 3.49, 4.00
 ** 500060.578, 3754307.189, 770.70, 3.49, 4.00
 ** 500050.420, 3754280.373, 762.94, 3.49, 4.00
 ** 500043.513, 3754256.402, 755.27, 3.49, 4.00
 ** 500037.012, 3754233.649, 755.65, 3.49, 4.00
 ** 500038.231, 3754007.340, 773.42, 3.49, 4.00
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LOCATION	L0005118	VOLUME	500092.886	3754410.238	776.00
LOCATION	L0005119	VOLUME	500084.369	3754409.123	776.00
LOCATION	L0005120	VOLUME	500075.851	3754408.007	775.87
LOCATION	L0005121	VOLUME	500067.334	3754406.892	775.68
LOCATION	L0005122	VOLUME	500063.161	3754402.094	775.77
LOCATION	L0005123	VOLUME	500063.457	3754393.509	776.00
LOCATION	L0005124	VOLUME	500063.753	3754384.925	776.00
LOCATION	L0005125	VOLUME	500063.828	3754376.336	776.00
LOCATION	L0005126	VOLUME	500063.828	3754367.746	776.00
LOCATION	L0005127	VOLUME	500063.828	3754359.156	775.90
LOCATION	L0005128	VOLUME	500063.828	3754350.566	775.77
LOCATION	L0005129	VOLUME	500063.508	3754341.989	775.66
LOCATION	L0005130	VOLUME	500062.787	3754333.430	775.13
LOCATION	L0005131	VOLUME	500062.067	3754324.870	773.69
LOCATION	L0005132	VOLUME	500061.346	3754316.310	772.30
LOCATION	L0005133	VOLUME	500060.625	3754307.750	770.94

LOCATION	L0005134	VOLUME	500057.734	3754299.683	769.03
LOCATION	L0005135	VOLUME	500054.692	3754291.650	766.99
LOCATION	L0005136	VOLUME	500051.649	3754283.617	765.07
LOCATION	L0005137	VOLUME	500049.002	3754275.452	763.04
LOCATION	L0005138	VOLUME	500046.624	3754267.198	761.04
LOCATION	L0005139	VOLUME	500044.246	3754258.944	758.91
LOCATION	L0005140	VOLUME	500041.880	3754250.686	756.65
LOCATION	L0005141	VOLUME	500039.520	3754242.426	755.33
LOCATION	L0005142	VOLUME	500037.160	3754234.167	755.27
LOCATION	L0005143	VOLUME	500037.056	3754225.598	755.14
LOCATION	L0005144	VOLUME	500037.102	3754217.008	755.01
LOCATION	L0005145	VOLUME	500037.148	3754208.418	756.87
LOCATION	L0005146	VOLUME	500037.194	3754199.828	758.97
LOCATION	L0005147	VOLUME	500037.241	3754191.238	761.07
LOCATION	L0005148	VOLUME	500037.287	3754182.648	763.21
LOCATION	L0005149	VOLUME	500037.333	3754174.058	765.42
LOCATION	L0005150	VOLUME	500037.380	3754165.468	767.61
LOCATION	L0005151	VOLUME	500037.426	3754156.879	769.81
LOCATION	L0005152	VOLUME	500037.472	3754148.289	770.78
LOCATION	L0005153	VOLUME	500037.518	3754139.699	771.64
LOCATION	L0005154	VOLUME	500037.565	3754131.109	772.50
LOCATION	L0005155	VOLUME	500037.611	3754122.519	773.19
LOCATION	L0005156	VOLUME	500037.657	3754113.929	773.64
LOCATION	L0005157	VOLUME	500037.703	3754105.339	774.09
LOCATION	L0005158	VOLUME	500037.750	3754096.749	774.54
LOCATION	L0005159	VOLUME	500037.796	3754088.160	774.57
LOCATION	L0005160	VOLUME	500037.842	3754079.570	774.57
LOCATION	L0005161	VOLUME	500037.888	3754070.980	774.57
LOCATION	L0005162	VOLUME	500037.935	3754062.390	774.58
LOCATION	L0005163	VOLUME	500037.981	3754053.800	774.58
LOCATION	L0005164	VOLUME	500038.027	3754045.210	774.58
LOCATION	L0005165	VOLUME	500038.073	3754036.620	774.58
LOCATION	L0005166	VOLUME	500038.120	3754028.030	774.31
LOCATION	L0005167	VOLUME	500038.166	3754019.441	774.03
LOCATION	L0005168	VOLUME	500038.212	3754010.851	773.74

** End of LINE VOLUME Source ID = SLINE8

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE9

** DESCRSRC 4th 20%

** PREFIX

** Length of Side = 14.00

** Configuration = Adjacent

** Emission Rate = 2.151E-06

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 2

** 500047.170, 3753996.776, 773.97, 3.49, 6.51

** 500502.226, 3753982.149, 776.06, 3.49, 6.51

** -----

LOCATION	L0005169	VOLUME	500054.166	3753996.551	774.12
LOCATION	L0005170	VOLUME	500068.159	3753996.101	774.58
LOCATION	L0005171	VOLUME	500082.152	3753995.652	775.03
LOCATION	L0005172	VOLUME	500096.145	3753995.202	775.33
LOCATION	L0005173	VOLUME	500110.137	3753994.752	775.61
LOCATION	L0005174	VOLUME	500124.130	3753994.302	775.33
LOCATION	L0005175	VOLUME	500138.123	3753993.853	775.05
LOCATION	L0005176	VOLUME	500152.116	3753993.403	774.84
LOCATION	L0005177	VOLUME	500166.108	3753992.953	774.63
LOCATION	L0005178	VOLUME	500180.101	3753992.503	774.06
LOCATION	L0005179	VOLUME	500194.094	3753992.053	773.34
LOCATION	L0005180	VOLUME	500208.087	3753991.604	772.27
LOCATION	L0005181	VOLUME	500222.079	3753991.154	770.86
LOCATION	L0005182	VOLUME	500236.072	3753990.704	770.04
LOCATION	L0005183	VOLUME	500250.065	3753990.254	770.23
LOCATION	L0005184	VOLUME	500264.058	3753989.805	770.37

LOCATION	L0005185	VOLUME	500278.051	3753989.355	770.32
LOCATION	L0005186	VOLUME	500292.043	3753988.905	770.25
LOCATION	L0005187	VOLUME	500306.036	3753988.455	769.93
LOCATION	L0005188	VOLUME	500320.029	3753988.006	769.60
LOCATION	L0005189	VOLUME	500334.022	3753987.556	769.97
LOCATION	L0005190	VOLUME	500348.014	3753987.106	770.38
LOCATION	L0005191	VOLUME	500362.007	3753986.656	771.27
LOCATION	L0005192	VOLUME	500376.000	3753986.206	772.31
LOCATION	L0005193	VOLUME	500389.993	3753985.757	773.06
LOCATION	L0005194	VOLUME	500403.986	3753985.307	773.69
LOCATION	L0005195	VOLUME	500417.978	3753984.857	774.24
LOCATION	L0005196	VOLUME	500431.971	3753984.407	774.71
LOCATION	L0005197	VOLUME	500445.964	3753983.958	775.18
LOCATION	L0005198	VOLUME	500459.957	3753983.508	775.64
LOCATION	L0005199	VOLUME	500473.949	3753983.058	776.03
LOCATION	L0005200	VOLUME	500487.942	3753982.608	776.12
LOCATION	L0005201	VOLUME	500501.935	3753982.159	776.29

** End of LINE VOLUME Source ID = SLINE9

** -----

** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE10

** DESCRSRC 4th 30%

** PREFIX

** Length of Side = 14.00

** Configuration = Adjacent

** Emission Rate = 0.000016

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 22

**	500040.095,	3753996.441,	773.85,	3.49,	6.51
**	499988.947,	3753995.485,	769.69,	3.49,	6.51
**	499890.955,	3753995.963,	763.55,	3.49,	6.51
**	499828.335,	3753998.831,	763.81,	3.49,	6.51
**	499792.962,	3754004.089,	760.33,	3.49,	6.51
**	499585.027,	3754084.873,	753.53,	3.49,	6.51
**	499537.703,	3754099.214,	755.94,	3.49,	6.51
**	499505.198,	3754105.906,	752.96,	3.49,	6.51
**	499480.342,	3754109.252,	750.89,	3.49,	6.51
**	499413.420,	3754107.818,	745.66,	3.49,	6.51
**	499106.058,	3754099.214,	745.42,	3.49,	6.51
**	499037.224,	3754098.736,	746.01,	3.49,	6.51
**	498984.165,	3754103.994,	744.17,	3.49,	6.51
**	498913.897,	3754121.680,	744.86,	3.49,	6.51
**	498846.497,	3754152.751,	744.05,	3.49,	6.51
**	498812.080,	3754174.262,	744.00,	3.49,	6.51
**	498746.114,	3754208.201,	744.82,	3.49,	6.51
**	498681.105,	3754228.755,	744.20,	3.49,	6.51
**	498625.177,	3754234.491,	741.65,	3.49,	6.51
**	498528.141,	3754235.925,	731.52,	3.49,	6.51
**	498462.175,	3754236.881,	731.85,	3.49,	6.51
**	498451.181,	3754869.770,	742.18,	3.49,	6.51

** -----

LOCATION	L0005202	VOLUME	500033.096	3753996.310	773.22
LOCATION	L0005203	VOLUME	500019.098	3753996.049	772.51
LOCATION	L0005204	VOLUME	500005.101	3753995.787	771.10
LOCATION	L0005205	VOLUME	499991.103	3753995.525	769.69
LOCATION	L0005206	VOLUME	499977.104	3753995.543	768.45
LOCATION	L0005207	VOLUME	499963.104	3753995.611	767.22
LOCATION	L0005208	VOLUME	499949.104	3753995.679	765.96
LOCATION	L0005209	VOLUME	499935.104	3753995.748	764.71
LOCATION	L0005210	VOLUME	499921.104	3753995.816	764.31
LOCATION	L0005211	VOLUME	499907.104	3753995.884	763.32
LOCATION	L0005212	VOLUME	499893.105	3753995.953	763.24
LOCATION	L0005213	VOLUME	499879.117	3753996.505	763.13
LOCATION	L0005214	VOLUME	499865.132	3753997.146	763.18
LOCATION	L0005215	VOLUME	499851.146	3753997.786	763.46

LOCATION	L0005216	VOLUME	499837.161	3753998.427	763.69
LOCATION	L0005217	VOLUME	499823.226	3753999.591	763.79
LOCATION	L0005218	VOLUME	499809.379	3754001.649	763.88
LOCATION	L0005219	VOLUME	499795.531	3754003.707	761.65
LOCATION	L0005220	VOLUME	499782.333	3754008.219	759.13
LOCATION	L0005221	VOLUME	499769.283	3754013.289	756.57
LOCATION	L0005222	VOLUME	499756.233	3754018.359	754.37
LOCATION	L0005223	VOLUME	499743.184	3754023.428	752.71
LOCATION	L0005224	VOLUME	499730.134	3754028.498	751.54
LOCATION	L0005225	VOLUME	499717.084	3754033.568	750.67
LOCATION	L0005226	VOLUME	499704.034	3754038.638	750.07
LOCATION	L0005227	VOLUME	499690.985	3754043.708	749.78
LOCATION	L0005228	VOLUME	499677.935	3754048.778	749.84
LOCATION	L0005229	VOLUME	499664.885	3754053.848	749.91
LOCATION	L0005230	VOLUME	499651.835	3754058.918	750.06
LOCATION	L0005231	VOLUME	499638.786	3754063.988	750.11
LOCATION	L0005232	VOLUME	499625.736	3754069.058	750.06
LOCATION	L0005233	VOLUME	499612.686	3754074.127	750.25
LOCATION	L0005234	VOLUME	499599.636	3754079.197	750.83
LOCATION	L0005235	VOLUME	499586.587	3754084.267	752.44
LOCATION	L0005236	VOLUME	499573.230	3754088.448	753.59
LOCATION	L0005237	VOLUME	499559.832	3754092.508	754.60
LOCATION	L0005238	VOLUME	499546.433	3754096.568	755.62
LOCATION	L0005239	VOLUME	499532.926	3754100.197	755.23
LOCATION	L0005240	VOLUME	499519.213	3754103.021	753.86
LOCATION	L0005241	VOLUME	499505.501	3754105.844	752.71
LOCATION	L0005242	VOLUME	499491.629	3754107.733	751.98
LOCATION	L0005243	VOLUME	499477.732	3754109.196	751.24
LOCATION	L0005244	VOLUME	499463.735	3754108.896	750.30
LOCATION	L0005245	VOLUME	499449.738	3754108.596	749.29
LOCATION	L0005246	VOLUME	499435.741	3754108.296	747.31
LOCATION	L0005247	VOLUME	499421.745	3754107.996	745.36
LOCATION	L0005248	VOLUME	499407.749	3754107.659	744.27
LOCATION	L0005249	VOLUME	499393.754	3754107.267	743.23
LOCATION	L0005250	VOLUME	499379.760	3754106.876	743.39
LOCATION	L0005251	VOLUME	499365.765	3754106.484	743.86
LOCATION	L0005252	VOLUME	499351.771	3754106.092	745.18
LOCATION	L0005253	VOLUME	499337.776	3754105.700	746.94
LOCATION	L0005254	VOLUME	499323.782	3754105.309	748.69
LOCATION	L0005255	VOLUME	499309.787	3754104.917	750.50
LOCATION	L0005256	VOLUME	499295.793	3754104.525	751.01
LOCATION	L0005257	VOLUME	499281.798	3754104.133	748.96
LOCATION	L0005258	VOLUME	499267.804	3754103.742	747.19
LOCATION	L0005259	VOLUME	499253.809	3754103.350	746.58
LOCATION	L0005260	VOLUME	499239.815	3754102.958	745.89
LOCATION	L0005261	VOLUME	499225.820	3754102.566	744.73
LOCATION	L0005262	VOLUME	499211.826	3754102.175	743.68
LOCATION	L0005263	VOLUME	499197.831	3754101.783	744.15
LOCATION	L0005264	VOLUME	499183.837	3754101.391	744.73
LOCATION	L0005265	VOLUME	499169.842	3754100.999	744.93
LOCATION	L0005266	VOLUME	499155.848	3754100.608	744.99
LOCATION	L0005267	VOLUME	499141.853	3754100.216	745.42
LOCATION	L0005268	VOLUME	499127.858	3754099.824	746.10
LOCATION	L0005269	VOLUME	499113.864	3754099.432	746.21
LOCATION	L0005270	VOLUME	499099.867	3754099.171	745.71
LOCATION	L0005271	VOLUME	499085.868	3754099.074	745.69
LOCATION	L0005272	VOLUME	499071.868	3754098.976	746.57
LOCATION	L0005273	VOLUME	499057.868	3754098.879	747.17
LOCATION	L0005274	VOLUME	499043.869	3754098.782	746.66
LOCATION	L0005275	VOLUME	499029.905	3754099.461	746.20
LOCATION	L0005276	VOLUME	499015.973	3754100.842	745.83
LOCATION	L0005277	VOLUME	499002.041	3754102.222	745.45
LOCATION	L0005278	VOLUME	498988.109	3754103.603	745.08
LOCATION	L0005279	VOLUME	498974.432	3754106.444	744.81
LOCATION	L0005280	VOLUME	498960.856	3754109.861	744.59
LOCATION	L0005281	VOLUME	498947.279	3754113.278	744.36

LOCATION	L0005282	VOLUME	498933.703	3754116.695	744.37
LOCATION	L0005283	VOLUME	498920.126	3754120.112	744.60
LOCATION	L0005284	VOLUME	498907.016	3754124.852	744.91
LOCATION	L0005285	VOLUME	498894.302	3754130.713	744.92
LOCATION	L0005286	VOLUME	498881.588	3754136.574	744.66
LOCATION	L0005287	VOLUME	498868.874	3754142.436	744.46
LOCATION	L0005288	VOLUME	498856.160	3754148.297	744.26
LOCATION	L0005289	VOLUME	498843.648	3754154.532	744.04
LOCATION	L0005290	VOLUME	498831.776	3754161.952	744.00
LOCATION	L0005291	VOLUME	498819.904	3754169.372	743.97
LOCATION	L0005292	VOLUME	498807.835	3754176.446	743.72
LOCATION	L0005293	VOLUME	498795.386	3754182.851	743.82
LOCATION	L0005294	VOLUME	498782.937	3754189.256	744.18
LOCATION	L0005295	VOLUME	498770.488	3754195.660	744.42
LOCATION	L0005296	VOLUME	498758.039	3754202.065	744.53
LOCATION	L0005297	VOLUME	498745.552	3754208.378	744.74
LOCATION	L0005298	VOLUME	498732.204	3754212.599	744.88
LOCATION	L0005299	VOLUME	498718.855	3754216.819	745.01
LOCATION	L0005300	VOLUME	498705.506	3754221.040	745.03
LOCATION	L0005301	VOLUME	498692.158	3754225.260	744.80
LOCATION	L0005302	VOLUME	498678.710	3754229.001	744.58
LOCATION	L0005303	VOLUME	498664.783	3754230.429	744.38
LOCATION	L0005304	VOLUME	498650.856	3754231.858	744.18
LOCATION	L0005305	VOLUME	498636.929	3754233.286	743.67
LOCATION	L0005306	VOLUME	498622.991	3754234.524	742.33
LOCATION	L0005307	VOLUME	498608.992	3754234.731	740.79
LOCATION	L0005308	VOLUME	498594.994	3754234.937	737.73
LOCATION	L0005309	VOLUME	498580.995	3754235.144	734.65
LOCATION	L0005310	VOLUME	498566.997	3754235.351	733.58
LOCATION	L0005311	VOLUME	498552.998	3754235.558	732.58
LOCATION	L0005312	VOLUME	498539.000	3754235.765	732.12
LOCATION	L0005313	VOLUME	498525.001	3754235.971	731.78
LOCATION	L0005314	VOLUME	498511.003	3754236.174	731.56
LOCATION	L0005315	VOLUME	498497.004	3754236.377	731.40
LOCATION	L0005316	VOLUME	498483.006	3754236.580	731.41
LOCATION	L0005317	VOLUME	498469.007	3754236.782	731.58
LOCATION	L0005318	VOLUME	498462.050	3754244.047	731.89
LOCATION	L0005319	VOLUME	498461.807	3754258.045	734.31
LOCATION	L0005320	VOLUME	498461.564	3754272.043	737.09
LOCATION	L0005321	VOLUME	498461.321	3754286.041	738.95
LOCATION	L0005322	VOLUME	498461.078	3754300.039	740.39
LOCATION	L0005323	VOLUME	498460.835	3754314.037	741.53
LOCATION	L0005324	VOLUME	498460.591	3754328.035	742.46
LOCATION	L0005325	VOLUME	498460.348	3754342.032	743.38
LOCATION	L0005326	VOLUME	498460.105	3754356.030	744.30
LOCATION	L0005327	VOLUME	498459.862	3754370.028	744.44
LOCATION	L0005328	VOLUME	498459.619	3754384.026	742.57
LOCATION	L0005329	VOLUME	498459.376	3754398.024	740.71
LOCATION	L0005330	VOLUME	498459.132	3754412.022	738.81
LOCATION	L0005331	VOLUME	498458.889	3754426.020	736.90
LOCATION	L0005332	VOLUME	498458.646	3754440.018	735.05
LOCATION	L0005333	VOLUME	498458.403	3754454.015	733.21
LOCATION	L0005334	VOLUME	498458.160	3754468.013	732.16
LOCATION	L0005335	VOLUME	498457.917	3754482.011	731.26
LOCATION	L0005336	VOLUME	498457.673	3754496.009	731.30
LOCATION	L0005337	VOLUME	498457.430	3754510.007	731.71
LOCATION	L0005338	VOLUME	498457.187	3754524.005	732.93
LOCATION	L0005339	VOLUME	498456.944	3754538.003	734.79
LOCATION	L0005340	VOLUME	498456.701	3754552.001	736.68
LOCATION	L0005341	VOLUME	498456.458	3754565.999	738.60
LOCATION	L0005342	VOLUME	498456.214	3754579.996	740.40
LOCATION	L0005343	VOLUME	498455.971	3754593.994	741.88
LOCATION	L0005344	VOLUME	498455.728	3754607.992	743.21
LOCATION	L0005345	VOLUME	498455.485	3754621.990	743.61
LOCATION	L0005346	VOLUME	498455.242	3754635.988	744.00
LOCATION	L0005347	VOLUME	498454.999	3754649.986	743.91

LOCATION	L0005348	VOLUME	498454.755	3754663.984	743.82
LOCATION	L0005349	VOLUME	498454.512	3754677.982	743.01
LOCATION	L0005350	VOLUME	498454.269	3754691.980	742.07
LOCATION	L0005351	VOLUME	498454.026	3754705.977	742.11
LOCATION	L0005352	VOLUME	498453.783	3754719.975	742.57
LOCATION	L0005353	VOLUME	498453.540	3754733.973	742.76
LOCATION	L0005354	VOLUME	498453.296	3754747.971	742.76
LOCATION	L0005355	VOLUME	498453.053	3754761.969	742.70
LOCATION	L0005356	VOLUME	498452.810	3754775.967	742.57
LOCATION	L0005357	VOLUME	498452.567	3754789.965	742.37
LOCATION	L0005358	VOLUME	498452.324	3754803.963	742.02
LOCATION	L0005359	VOLUME	498452.081	3754817.961	741.73
LOCATION	L0005360	VOLUME	498451.837	3754831.958	741.86
LOCATION	L0005361	VOLUME	498451.594	3754845.956	742.00
LOCATION	L0005362	VOLUME	498451.351	3754859.954	742.14

** End of LINE VOLUME Source ID = SLINE10

** -----
 ** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE11

** DESCRSRC Nicholas 65%

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 6.289E-06

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 4

** 500476.155, 3754391.979, 779.05, 3.49, 4.00

** 500495.842, 3754379.545, 779.08, 3.49, 4.00

** 500501.714, 3754180.257, 779.00, 3.49, 4.00

** 500499.296, 3753993.403, 776.70, 3.49, 4.00

** -----

LOCATION	L0005363	VOLUME	500479.786	3754389.686	779.24
LOCATION	L0005364	VOLUME	500487.049	3754385.099	779.35
LOCATION	L0005365	VOLUME	500494.312	3754380.512	779.38
LOCATION	L0005366	VOLUME	500496.042	3754372.768	779.19
LOCATION	L0005367	VOLUME	500496.295	3754364.182	779.00
LOCATION	L0005368	VOLUME	500496.548	3754355.595	779.00
LOCATION	L0005369	VOLUME	500496.801	3754347.009	779.00
LOCATION	L0005370	VOLUME	500497.054	3754338.423	779.00
LOCATION	L0005371	VOLUME	500497.307	3754329.836	778.98
LOCATION	L0005372	VOLUME	500497.560	3754321.250	778.95
LOCATION	L0005373	VOLUME	500497.813	3754312.664	778.93
LOCATION	L0005374	VOLUME	500498.066	3754304.078	778.91
LOCATION	L0005375	VOLUME	500498.319	3754295.491	778.92
LOCATION	L0005376	VOLUME	500498.572	3754286.905	778.93
LOCATION	L0005377	VOLUME	500498.825	3754278.319	778.94
LOCATION	L0005378	VOLUME	500499.078	3754269.733	778.96
LOCATION	L0005379	VOLUME	500499.330	3754261.146	778.98
LOCATION	L0005380	VOLUME	500499.583	3754252.560	778.99
LOCATION	L0005381	VOLUME	500499.836	3754243.974	779.00
LOCATION	L0005382	VOLUME	500500.089	3754235.387	778.99
LOCATION	L0005383	VOLUME	500500.342	3754226.801	778.99
LOCATION	L0005384	VOLUME	500500.595	3754218.215	779.00
LOCATION	L0005385	VOLUME	500500.848	3754209.629	779.00
LOCATION	L0005386	VOLUME	500501.101	3754201.042	779.00
LOCATION	L0005387	VOLUME	500501.354	3754192.456	779.00
LOCATION	L0005388	VOLUME	500501.607	3754183.870	779.00
LOCATION	L0005389	VOLUME	500501.649	3754175.282	779.01
LOCATION	L0005390	VOLUME	500501.538	3754166.692	779.02
LOCATION	L0005391	VOLUME	500501.427	3754158.103	779.02
LOCATION	L0005392	VOLUME	500501.316	3754149.514	779.02
LOCATION	L0005393	VOLUME	500501.205	3754140.925	779.01
LOCATION	L0005394	VOLUME	500501.094	3754132.335	779.00
LOCATION	L0005395	VOLUME	500500.982	3754123.746	779.00
LOCATION	L0005396	VOLUME	500500.871	3754115.157	779.00

LOCATION	L0005397	VOLUME	500500.760	3754106.568	779.00
LOCATION	L0005398	VOLUME	500500.649	3754097.978	779.00
LOCATION	L0005399	VOLUME	500500.538	3754089.389	779.00
LOCATION	L0005400	VOLUME	500500.427	3754080.800	778.99
LOCATION	L0005401	VOLUME	500500.316	3754072.210	778.99
LOCATION	L0005402	VOLUME	500500.205	3754063.621	778.98
LOCATION	L0005403	VOLUME	500500.093	3754055.032	778.97
LOCATION	L0005404	VOLUME	500499.982	3754046.443	778.96
LOCATION	L0005405	VOLUME	500499.871	3754037.853	778.95
LOCATION	L0005406	VOLUME	500499.760	3754029.264	778.49
LOCATION	L0005407	VOLUME	500499.649	3754020.675	777.92
LOCATION	L0005408	VOLUME	500499.538	3754012.085	777.35
LOCATION	L0005409	VOLUME	500499.427	3754003.496	776.87
LOCATION	L0005410	VOLUME	500499.315	3753994.907	776.60

** End of LINE VOLUME Source ID = SLINE11

** -----
** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE12

** DESCRSRC Idle W

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 0.00004624

** Vertical Dimension = 6.99

** SZINIT = 3.25

** Nodes = 2

** 500192.248, 3754709.734, 779.08, 3.49, 4.00

** 500194.320, 3754481.089, 774.10, 3.49, 4.00

** -----

LOCATION	L0005411	VOLUME	500192.287	3754705.440	778.91
LOCATION	L0005412	VOLUME	500192.364	3754696.850	778.99
LOCATION	L0005413	VOLUME	500192.442	3754688.260	778.93
LOCATION	L0005414	VOLUME	500192.520	3754679.671	778.85
LOCATION	L0005415	VOLUME	500192.598	3754671.081	778.78
LOCATION	L0005416	VOLUME	500192.676	3754662.491	778.77
LOCATION	L0005417	VOLUME	500192.754	3754653.902	778.84
LOCATION	L0005418	VOLUME	500192.831	3754645.312	778.92
LOCATION	L0005419	VOLUME	500192.909	3754636.722	778.99
LOCATION	L0005420	VOLUME	500192.987	3754628.133	779.20
LOCATION	L0005421	VOLUME	500193.065	3754619.543	779.41
LOCATION	L0005422	VOLUME	500193.143	3754610.953	779.63
LOCATION	L0005423	VOLUME	500193.221	3754602.364	779.75
LOCATION	L0005424	VOLUME	500193.299	3754593.774	779.75
LOCATION	L0005425	VOLUME	500193.376	3754585.184	779.76
LOCATION	L0005426	VOLUME	500193.454	3754576.595	779.76
LOCATION	L0005427	VOLUME	500193.532	3754568.005	779.56
LOCATION	L0005428	VOLUME	500193.610	3754559.416	779.34
LOCATION	L0005429	VOLUME	500193.688	3754550.826	779.12
LOCATION	L0005430	VOLUME	500193.766	3754542.236	778.67
LOCATION	L0005431	VOLUME	500193.844	3754533.647	777.94
LOCATION	L0005432	VOLUME	500193.921	3754525.057	777.21
LOCATION	L0005433	VOLUME	500193.999	3754516.467	776.47
LOCATION	L0005434	VOLUME	500194.077	3754507.878	775.83
LOCATION	L0005435	VOLUME	500194.155	3754499.288	775.19
LOCATION	L0005436	VOLUME	500194.233	3754490.698	774.55
LOCATION	L0005437	VOLUME	500194.311	3754482.109	774.18

** End of LINE VOLUME Source ID = SLINE12

** -----
** Line Source Represented by Adjacent Volume Sources

** LINE VOLUME Source ID = SLINE13

** DESCRSRC Idle E

** PREFIX

** Length of Side = 8.59

** Configuration = Adjacent

** Emission Rate = 0.00004624

** Vertical Dimension = 6.99

```

** SZINIT = 3.25
** Nodes = 2
** 500418.821, 3754708.353, 781.21, 3.49, 4.00
** 500420.548, 3754479.707, 778.62, 3.49, 4.00
** -----
LOCATION L0005438      VOLUME  500418.853 3754704.058 781.13
LOCATION L0005439      VOLUME  500418.918 3754695.468 781.28
LOCATION L0005440      VOLUME  500418.983 3754686.878 781.28
LOCATION L0005441      VOLUME  500419.048 3754678.289 781.28
LOCATION L0005442      VOLUME  500419.113 3754669.699 781.28
LOCATION L0005443      VOLUME  500419.178 3754661.109 781.28
LOCATION L0005444      VOLUME  500419.243 3754652.519 781.29
LOCATION L0005445      VOLUME  500419.308 3754643.930 781.29
LOCATION L0005446      VOLUME  500419.372 3754635.340 781.28
LOCATION L0005447      VOLUME  500419.437 3754626.750 781.20
LOCATION L0005448      VOLUME  500419.502 3754618.160 781.12
LOCATION L0005449      VOLUME  500419.567 3754609.571 781.03
LOCATION L0005450      VOLUME  500419.632 3754600.981 780.83
LOCATION L0005451      VOLUME  500419.697 3754592.391 780.54
LOCATION L0005452      VOLUME  500419.762 3754583.801 780.26
LOCATION L0005453      VOLUME  500419.827 3754575.212 780.00
LOCATION L0005454      VOLUME  500419.891 3754566.622 780.00
LOCATION L0005455      VOLUME  500419.956 3754558.032 780.00
LOCATION L0005456      VOLUME  500420.021 3754549.442 780.00
LOCATION L0005457      VOLUME  500420.086 3754540.853 779.95
LOCATION L0005458      VOLUME  500420.151 3754532.263 779.85
LOCATION L0005459      VOLUME  500420.216 3754523.673 779.76
LOCATION L0005460      VOLUME  500420.281 3754515.083 779.66
LOCATION L0005461      VOLUME  500420.346 3754506.494 779.46
LOCATION L0005462      VOLUME  500420.410 3754497.904 779.27
LOCATION L0005463      VOLUME  500420.475 3754489.314 779.07
LOCATION L0005464      VOLUME  500420.540 3754480.724 778.76
** End of LINE VOLUME Source ID = SLINE13
** Source Parameters **
** LINE VOLUME Source ID = SLINE4
SRCPARAM L0004813      0.000000229      3.49      6.51      3.25
SRCPARAM L0004814      0.000000229      3.49      6.51      3.25
SRCPARAM L0004815      0.000000229      3.49      6.51      3.25
SRCPARAM L0004816      0.000000229      3.49      6.51      3.25
SRCPARAM L0004817      0.000000229      3.49      6.51      3.25
SRCPARAM L0004818      0.000000229      3.49      6.51      3.25
SRCPARAM L0004819      0.000000229      3.49      6.51      3.25
SRCPARAM L0004820      0.000000229      3.49      6.51      3.25
SRCPARAM L0004821      0.000000229      3.49      6.51      3.25
SRCPARAM L0004822      0.000000229      3.49      6.51      3.25
SRCPARAM L0004823      0.000000229      3.49      6.51      3.25
SRCPARAM L0004824      0.000000229      3.49      6.51      3.25
SRCPARAM L0004825      0.000000229      3.49      6.51      3.25
SRCPARAM L0004826      0.000000229      3.49      6.51      3.25
SRCPARAM L0004827      0.000000229      3.49      6.51      3.25
SRCPARAM L0004828      0.000000229      3.49      6.51      3.25
SRCPARAM L0004829      0.000000229      3.49      6.51      3.25
SRCPARAM L0004830      0.000000229      3.49      6.51      3.25
SRCPARAM L0004831      0.000000229      3.49      6.51      3.25
SRCPARAM L0004832      0.000000229      3.49      6.51      3.25
SRCPARAM L0004833      0.000000229      3.49      6.51      3.25
SRCPARAM L0004834      0.000000229      3.49      6.51      3.25
SRCPARAM L0004835      0.000000229      3.49      6.51      3.25
SRCPARAM L0004836      0.000000229      3.49      6.51      3.25
SRCPARAM L0004837      0.000000229      3.49      6.51      3.25
SRCPARAM L0004838      0.000000229      3.49      6.51      3.25
SRCPARAM L0004839      0.000000229      3.49      6.51      3.25
SRCPARAM L0004840      0.000000229      3.49      6.51      3.25
SRCPARAM L0004841      0.000000229      3.49      6.51      3.25
SRCPARAM L0004842      0.000000229      3.49      6.51      3.25
SRCPARAM L0004843      0.000000229      3.49      6.51      3.25

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SRCPARAM	L0004844	0.000000229	3.49	6.51	3.25
SRCPARAM	L0004845	0.000000229	3.49	6.51	3.25
SRCPARAM	L0004846	0.000000229	3.49	6.51	3.25
SRCPARAM	L0004847	0.000000229	3.49	6.51	3.25
SRCPARAM	L0004848	0.000000229	3.49	6.51	3.25
SRCPARAM	L0004849	0.000000229	3.49	6.51	3.25
SRCPARAM	L0004850	0.000000229	3.49	6.51	3.25
SRCPARAM	L0004851	0.000000229	3.49	6.51	3.25
SRCPARAM	L0004852	0.000000229	3.49	6.51	3.25
SRCPARAM	L0004853	0.000000229	3.49	6.51	3.25

```
** LINE VOLUME Source ID = SLINE5
```

[illegible]

** LINE VOLUME Source ID = SLINE6

SRCPARAM	L0004900	0.000000007132	3.49	4.00	3.25
SRCPARAM	L0004901	0.000000007132	3.49	4.00	3.25
SRCPARAM	L0004902	0.000000007132	3.49	4.00	3.25
SRCPARAM	L0004903	0.000000007132	3.49	4.00	3.25
SRCPARAM	L0004904	0.000000007132	3.49	4.00	3.25
SRCPARAM	L0004905	0.000000007132	3.49	4.00	3.25

[illegible]

[illegible]

[illegible]

SRCPARAM	L0005102	0.0000006064	3.49	4.00	3.25
SRCPARAM	L0005103	0.0000006064	3.49	4.00	3.25
SRCPARAM	L0005104	0.0000006064	3.49	4.00	3.25
SRCPARAM	L0005105	0.0000006064	3.49	4.00	3.25
SRCPARAM	L0005106	0.0000006064	3.49	4.00	3.25
SRCPARAM	L0005107	0.0000006064	3.49	4.00	3.25
SRCPARAM	L0005108	0.0000006064	3.49	4.00	3.25
SRCPARAM	L0005109	0.0000006064	3.49	4.00	3.25
SRCPARAM	L0005110	0.0000006064	3.49	4.00	3.25
SRCPARAM	L0005111	0.0000006064	3.49	4.00	3.25
SRCPARAM	L0005112	0.0000006064	3.49	4.00	3.25
SRCPARAM	L0005113	0.0000006064	3.49	4.00	3.25
SRCPARAM	L0005114	0.0000006064	3.49	4.00	3.25
SRCPARAM	L0005115	0.0000006064	3.49	4.00	3.25
SRCPARAM	L0005116	0.0000006064	3.49	4.00	3.25
SRCPARAM	L0005117	0.0000006064	3.49	4.00	3.25

** LINE VOLUME Source ID = SLINE8

[illegible]

	SRCPARAM	L0005166	0.0000000709	3.49	4.00	3.25
	SRCPARAM	L0005167	0.0000000709	3.49	4.00	3.25
	SRCPARAM	L0005168	0.0000000709	3.49	4.00	3.25
**	-----					
**	LINE	VOLUME	Source	ID	=	SLINE9
	SRCPARAM	L0005169	0.00000006518	3.49	6.51	3.25
	SRCPARAM	L0005170	0.00000006518	3.49	6.51	3.25
	SRCPARAM	L0005171	0.00000006518	3.49	6.51	3.25
	SRCPARAM	L0005172	0.00000006518	3.49	6.51	3.25
	SRCPARAM	L0005173	0.00000006518	3.49	6.51	3.25
	SRCPARAM	L0005174	0.00000006518	3.49	6.51	3.25
	SRCPARAM	L0005175	0.00000006518	3.49	6.51	3.25
	SRCPARAM	L0005176	0.00000006518	3.49	6.51	3.25
	SRCPARAM	L0005177	0.00000006518	3.49	6.51	3.25
	SRCPARAM	L0005178	0.00000006518	3.49	6.51	3.25
	SRCPARAM	L0005179	0.00000006518	3.49	6.51	3.25
	SRCPARAM	L0005180	0.00000006518	3.49	6.51	3.25
	SRCPARAM	L0005181	0.00000006518	3.49	6.51	3.25
	SRCPARAM	L0005182	0.00000006518	3.49	6.51	3.25
	SRCPARAM	L0005183	0.00000006518	3.49	6.51	3.25
	SRCPARAM	L0005184	0.00000006518	3.49	6.51	3.25
	SRCPARAM	L0005185	0.00000006518	3.49	6.51	3.25
	SRCPARAM	L0005186	0.00000006518	3.49	6.51	3.25
	SRCPARAM	L0005187	0.00000006518	3.49	6.51	3.25
	SRCPARAM	L0005188	0.00000006518	3.49	6.51	3.25
	SRCPARAM	L0005189	0.00000006518	3.49	6.51	3.25
	SRCPARAM	L0005190	0.00000006518	3.49	6.51	3.25
	SRCPARAM	L0005191	0.00000006518	3.49	6.51	3.25
	SRCPARAM	L0005192	0.00000006518	3.49	6.51	3.25
	SRCPARAM	L0005193	0.00000006518	3.49	6.51	3.25
	SRCPARAM	L0005194	0.00000006518	3.49	6.51	3.25
	SRCPARAM	L0005195	0.00000006518	3.49	6.51	3.25
	SRCPARAM	L0005196	0.00000006518	3.49	6.51	3.25
	SRCPARAM	L0005197	0.00000006518	3.49	6.51	3.25
	SRCPARAM	L0005198	0.00000006518	3.49	6.51	3.25
	SRCPARAM	L0005199	0.00000006518	3.49	6.51	3.25
	SRCPARAM	L0005200	0.00000006518	3.49	6.51	3.25
	SRCPARAM	L0005201	0.00000006518	3.49	6.51	3.25
**	-----					
**	LINE	VOLUME	Source	ID	=	SLINE10
	SRCPARAM	L0005202	0.00000009938	3.49	6.51	3.25
	SRCPARAM	L0005203	0.00000009938	3.49	6.51	3.25
	SRCPARAM	L0005204	0.00000009938	3.49	6.51	3.25
	SRCPARAM	L0005205	0.00000009938	3.49	6.51	3.25
	SRCPARAM	L0005206	0.00000009938	3.49	6.51	3.25
	SRCPARAM	L0005207	0.00000009938	3.49	6.51	3.25
	SRCPARAM	L0005208	0.00000009938	3.49	6.51	3.25
	SRCPARAM	L0005209	0.00000009938	3.49	6.51	3.25
	SRCPARAM	L0005210	0.00000009938	3.49	6.51	3.25
	SRCPARAM	L0005211	0.00000009938	3.49	6.51	3.25
	SRCPARAM	L0005212	0.00000009938	3.49	6.51	3.25
	SRCPARAM	L0005213	0.00000009938	3.49	6.51	3.25
	SRCPARAM	L0005214	0.00000009938	3.49	6.51	3.25
	SRCPARAM	L0005215	0.00000009938	3.49	6.51	3.25
	SRCPARAM	L0005216	0.00000009938	3.49	6.51	3.25
	SRCPARAM	L0005217	0.00000009938	3.49	6.51	3.25
	SRCPARAM	L0005218	0.00000009938	3.49	6.51	3.25
	SRCPARAM	L0005219	0.00000009938	3.49	6.51	3.25
	SRCPARAM	L0005220	0.00000009938	3.49	6.51	3.25
	SRCPARAM					

[illegible]

[illegible]

SRCPARAM	L0005360	0.000000009938	3.49	6.51	3.25
SRCPARAM	L0005361	0.000000009938	3.49	6.51	3.25
SRCPARAM	L0005362	0.000000009938	3.49	6.51	3.25

```

** *-----
** LINE VOLUME Source ID = SLINE12
SRCPARAM L0005411      0.000001713      3.49      4.00      3.25
SRCPARAM L0005412      0.000001713      3.49      4.00      3.25
SRCPARAM L0005413      0.000001713      3.49      4.00      3.25
SRCPARAM L0005414      0.000001713      3.49      4.00      3.25
SRCPARAM L0005415      0.000001713      3.49      4.00      3.25
SRCPARAM L0005416      0.000001713      3.49      4.00      3.25
SRCPARAM L0005417      0.000001713      3.49      4.00      3.25
SRCPARAM L0005418      0.000001713      3.49      4.00      3.25
SRCPARAM L0005419      0.000001713      3.49      4.00      3.25
SRCPARAM L0005420      0.000001713      3.49      4.00      3.25
SRCPARAM L0005421      0.000001713      3.49      4.00      3.25

```


SRCPARAM	L0005422	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005423	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005424	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005425	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005426	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005427	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005428	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005429	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005430	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005431	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005432	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005433	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005434	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005435	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005436	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005437	0.000001713	3.49	4.00	3.25

** -----
 ** LINE VOLUME Source ID = SLINE13

SRCPARAM	L0005438	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005439	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005440	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005441	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005442	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005443	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005444	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005445	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005446	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005447	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005448	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005449	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005450	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005451	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005452	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005453	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005454	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005455	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005456	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005457	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005458	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005459	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005460	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005461	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005462	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005463	0.000001713	3.49	4.00	3.25
SRCPARAM	L0005464	0.000001713	3.49	4.00	3.25

 ** -----
 URBANSRC ALL
 SRCGROUP ALL
 SO FINISHED
 **

 ** AERMOD Receptor Pathway

 **
 **
 RE STARTING
 INCLUDED "14410 Ops.rou"
 RE FINISHED
 **

 ** AERMOD Meteorology Pathway

 **
 **
 ME STARTING
 SURFFILE BNAP_V9_ADJU\BNAP_v9.SFC

PROFFILE BNAP_V9_ADJU\BNAP_v9.PFL
SURFDATA 3171 2011
UAIRDATA 3190 2011
SITEDATA 99999 2011
PROFBASE 660.0 METERS

ME FINISHED

**

** AERMOD Output Pathway

**
**

OU STARTING

** Auto-Generated Plotfiles
PLOTFILE ANNUAL ALL "14410 Ops.AD\AN00GALL.PLT" 31
SUMMFILE "14410 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)
A Total of	0 Informational Message(s)

***** FATAL ERROR MESSAGES *****
*** NONE ***

***** WARNING MESSAGES *****

ME W186	1589	MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used	0.50
ME W187	1589	MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET	

*** SETUP Finishes Successfully ***

*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22

*** AERMET - VERSION 16216 ***

*** 11:35:59

PAGE 1

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY ***

**Model Is Setup For Calculation of Average CONCentration Values.

-- DEPOSITION LOGIC --

**NO GAS DEPOSITION Data Provided.

**NO PARTICLE DEPOSITION Data Provided.

**Model Uses NO DRY DEPLETION. DRYDPLT = F

**Model Uses NO WET DEPLETION. WETDPLT = F

**Model Uses URBAN Dispersion Algorithm for the SBL for 652 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 2189641.0 ; Urban Roughness Length = 1.000 m

**Model Uses Regulatory DEFAULT Options:
1. Stack-tip Downwash.

2. Model Accounts for ELEVated Terrain Effects.
3. Use Calms Processing Routine.
4. Use Missing Data Processing Routine.
5. No Exponential Decay.
6. Urban Roughness Length of 1.0 Meter Assumed.

****Other Options Specified:**

ADJ_U* - Use ADJ_U* option for SBL in AERMET
TEMP_Sub - Meteorological data includes TEMP substitutions

****Model Accepts FLAGPOLE Receptor Heights.**

****The User Specified a Pollutant Type of: DPM**

****Model Calculates ANNUAL Averages Only**

****This Run Includes: 652 Source(s); 1 Source Group(s); and 59 Receptor(s)**

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 652 VOLUME source(s)
and: 0 AREA type source(s)
and: 0 LINE source(s)
and: 0 RLINE/RLINEXT source(s)
and: 0 OPENPIT source(s)
and: 0 BUOYANT LINE source(s) with a total of 0 line(s)

****Model Set To Continue RUNning After the Setup Testing.**

****The AERMET Input Meteorological Data Version Date: 16216**

****Output Options Selected:**

Model Outputs Tables of ANNUAL Averages by Receptor
Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

****NOTE: The Following Flags May Appear Following CONC Values:** c for Calm Hours
m for Missing Hours
b for Both Calm and Missing Hours

****Misc. Inputs:** Base Elev. for Pot. Temp. Profile (m MSL) = 660.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate
Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

****Approximate Storage Requirements of Model = 3.8 MB of RAM.**

****Input Runstream File:**

aermod.inp

****Output Print File:**

aermod.out

****Detailed Error/Message File: 14410**

Ops.err

****File for Summary of Results: 14410**

Ops.sum

*** AERMOD - VERSION 21112 *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
*** 11:35:59

*** VOLUME SOURCE DATA ***

SOURCE		NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.
SOURCE		URBAN	EMISSION RATE			ELEV.	HEIGHT	SY	SZ
ID		PART.	(GRAMS/SEC)	X	Y	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)		SCALAR VARY	BY						
		CATS.							
L0004813		0	0.22900E-06	500512.0	3753982.6	777.0	3.49	6.51	3.25
YES									
L0004814		0	0.22900E-06	500526.0	3753982.0	777.9	3.49	6.51	3.25
YES									
L0004815		0	0.22900E-06	500540.0	3753981.5	778.5	3.49	6.51	3.25
YES									
L0004816		0	0.22900E-06	500554.0	3753981.0	778.9	3.49	6.51	3.25
YES									
L0004817		0	0.22900E-06	500568.0	3753980.4	779.1	3.49	6.51	3.25
YES									
L0004818		0	0.22900E-06	500582.0	3753979.9	779.1	3.49	6.51	3.25
YES									
L0004819		0	0.22900E-06	500595.9	3753979.4	779.3	3.49	6.51	3.25
YES									
L0004820		0	0.22900E-06	500609.9	3753978.8	779.7	3.49	6.51	3.25
YES									
L0004821		0	0.22900E-06	500623.9	3753978.3	780.0	3.49	6.51	3.25
YES									
L0004822		0	0.22900E-06	500637.9	3753977.8	780.0	3.49	6.51	3.25
YES									
L0004823		0	0.22900E-06	500651.9	3753977.2	780.1	3.49	6.51	3.25
YES									
L0004824		0	0.22900E-06	500665.9	3753976.7	780.5	3.49	6.51	3.25
YES									
L0004825		0	0.22900E-06	500679.9	3753976.2	781.0	3.49	6.51	3.25
YES									
L0004826		0	0.22900E-06	500693.9	3753975.6	780.1	3.49	6.51	3.25
YES									
L0004827		0	0.22900E-06	500707.9	3753975.1	779.1	3.49	6.51	3.25
YES									
L0004828		0	0.22900E-06	500721.9	3753974.7	778.6	3.49	6.51	3.25
YES									
L0004829		0	0.22900E-06	500735.9	3753974.4	778.0	3.49	6.51	3.25
YES									
L0004830		0	0.22900E-06	500749.9	3753974.0	777.6	3.49	6.51	3.25
YES									
L0004831		0	0.22900E-06	500763.8	3753973.7	777.1	3.49	6.51	3.25
YES									
L0004832		0	0.22900E-06	500777.8	3753973.4	776.6	3.49	6.51	3.25
YES									
L0004833		0	0.22900E-06	500791.8	3753973.1	776.1	3.49	6.51	3.25
YES									
L0004834		0	0.22900E-06	500805.8	3753972.7	775.6	3.49	6.51	3.25
YES									
L0004835		0	0.22900E-06	500819.8	3753972.4	775.3	3.49	6.51	3.25
YES									
L0004836		0	0.22900E-06	500833.8	3753972.1	775.3	3.49	6.51	3.25
YES									
L0004837		0	0.22900E-06	500847.8	3753971.7	776.6	3.49	6.51	3.25
YES									
L0004838		0	0.22900E-06	500861.8	3753971.4	777.9	3.49	6.51	3.25
YES									
L0004839		0	0.22900E-06	500875.8	3753971.1	778.3	3.49	6.51	3.25

```
YES
L0004840      0    0.22900E-06  500889.7 3753972.1   778.8    3.49    6.51    3.25
YES
L0004841      0    0.22900E-06  500903.6 3753974.1   779.4    3.49    6.51    3.25
YES
L0004842      0    0.22900E-06  500917.4 3753976.2   779.9    3.49    6.51    3.25
YES
L0004843      0    0.22900E-06  500931.3 3753978.3   780.0    3.49    6.51    3.25
YES
L0004844      0    0.22900E-06  500945.1 3753980.2   780.0    3.49    6.51    3.25
YES
L0004845      0    0.22900E-06  500959.1 3753980.9   780.0    3.49    6.51    3.25
YES
L0004846      0    0.22900E-06  500973.1 3753981.6   780.0    3.49    6.51    3.25
YES
L0004847      0    0.22900E-06  500987.1 3753982.3   780.0    3.49    6.51    3.25
YES
L0004848      0    0.22900E-06  501001.1 3753983.0   780.0    3.49    6.51    3.25
YES
L0004849      0    0.22900E-06  501015.0 3753983.6   780.0    3.49    6.51    3.25
YES
L0004850      0    0.22900E-06  501029.0 3753984.2   780.0    3.49    6.51    3.25
YES
L0004851      0    0.22900E-06  501043.0 3753984.2   780.0    3.49    6.51    3.25
YES
L0004852      0    0.22900E-06  501057.0 3753984.2   780.0    3.49    6.51    3.25
YES
*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op ***          09/08/22
*** AERMET - VERSION 16216 ***
***                                     *** 11:35:59
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PAGE 3

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION	RATE					
ID	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ
(METERS)	SCALAR VARY		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	
	CATS.	BY						
L0004853	0	0.22900E-06	501071.0	3753984.2	780.0	3.49	6.51	3.25
YES								
L0004854	0	0.70370E-07	501091.3	3753983.0	780.0	3.49	4.00	3.25
YES								
L0004855	0	0.70370E-07	501099.9	3753983.0	780.0	3.49	4.00	3.25
YES								
L0004856	0	0.70370E-07	501108.5	3753982.9	780.0	3.49	4.00	3.25
YES								
L0004857	0	0.70370E-07	501117.1	3753982.8	780.0	3.49	4.00	3.25
YES								
L0004858	0	0.70370E-07	501125.7	3753982.8	780.0	3.49	4.00	3.25
YES								
L0004859	0	0.70370E-07	501134.3	3753982.7	780.0	3.49	4.00	3.25
YES								
L0004860	0	0.70370E-07	501142.9	3753982.7	780.0	3.49	4.00	3.25
YES								
L0004861	0	0.70370E-07	501151.5	3753982.6	780.0	3.49	4.00	3.25
YES								
L0004862	0	0.70370E-07	501160.1	3753982.6	780.0	3.49	4.00	3.25

YES								
L0004863	0	0.70370E-07	501168.6	3753982.5	780.0	3.49	4.00	3.25
YES								
L0004864	0	0.70370E-07	501177.2	3753982.4	780.0	3.49	4.00	3.25
YES								
L0004865	0	0.70370E-07	501185.8	3753982.4	780.0	3.49	4.00	3.25
YES								
L0004866	0	0.70370E-07	501194.4	3753982.3	779.9	3.49	4.00	3.25
YES								
L0004867	0	0.70370E-07	501203.0	3753982.3	779.6	3.49	4.00	3.25
YES								
L0004868	0	0.70370E-07	501211.6	3753982.2	779.3	3.49	4.00	3.25
YES								
L0004869	0	0.70370E-07	501220.2	3753982.2	779.0	3.49	4.00	3.25
YES								
L0004870	0	0.70370E-07	501228.8	3753982.1	779.3	3.49	4.00	3.25
YES								
L0004871	0	0.70370E-07	501237.4	3753982.0	779.6	3.49	4.00	3.25
YES								
L0004872	0	0.70370E-07	501246.0	3753982.1	779.8	3.49	4.00	3.25
YES								
L0004873	0	0.70370E-07	501254.5	3753982.2	780.1	3.49	4.00	3.25
YES								
L0004874	0	0.70370E-07	501263.1	3753982.2	780.4	3.49	4.00	3.25
YES								
L0004875	0	0.70370E-07	501271.7	3753982.3	780.7	3.49	4.00	3.25
YES								
L0004876	0	0.70370E-07	501280.3	3753982.3	781.0	3.49	4.00	3.25
YES								
L0004877	0	0.70370E-07	501288.9	3753982.4	781.0	3.49	4.00	3.25
YES								
L0004878	0	0.70370E-07	501297.5	3753982.5	781.0	3.49	4.00	3.25
YES								
L0004879	0	0.70370E-07	501306.1	3753982.5	781.0	3.49	4.00	3.25
YES								
L0004880	0	0.70370E-07	501314.7	3753982.6	781.0	3.49	4.00	3.25
YES								
L0004881	0	0.70370E-07	501323.3	3753982.7	781.1	3.49	4.00	3.25
YES								
L0004882	0	0.70370E-07	501331.8	3753982.7	781.2	3.49	4.00	3.25
YES								
L0004883	0	0.70370E-07	501340.4	3753982.8	781.2	3.49	4.00	3.25
YES								
L0004884	0	0.70370E-07	501349.0	3753982.8	781.4	3.49	4.00	3.25
YES								
L0004885	0	0.70370E-07	501357.6	3753982.9	781.7	3.49	4.00	3.25
YES								
L0004886	0	0.70370E-07	501366.2	3753983.0	781.9	3.49	4.00	3.25
YES								
L0004887	0	0.70370E-07	501374.8	3753983.0	782.1	3.49	4.00	3.25
YES								
L0004888	0	0.70370E-07	501383.4	3753983.1	782.4	3.49	4.00	3.25
YES								
L0004889	0	0.70370E-07	501392.0	3753983.2	782.7	3.49	4.00	3.25
YES								
L0004890	0	0.70370E-07	501400.6	3753983.2	783.0	3.49	4.00	3.25
YES								
L0004891	0	0.70370E-07	501409.2	3753983.3	783.0	3.49	4.00	3.25
YES								
L0004892	0	0.70370E-07	501417.7	3753983.3	783.0	3.49	4.00	3.25
YES								


 *** AERMOD - VERSION 21112 ***
 C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
 Dowling\14410 Op *** 09/08/22

*** AERMET - VERSION 16216 ***

11:35:59

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION	RATE					
ID	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ
(METERS)	SCALAR VARY		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	
	CATS.	BY						
L0004893	0	0.70370E-07	501426.3	3753983.4	783.0	3.49	4.00	3.25
YES								
L0004894	0	0.70370E-07	501434.9	3753983.5	783.0	3.49	4.00	3.25
YES								
L0004895	0	0.70370E-07	501443.5	3753983.5	783.1	3.49	4.00	3.25
YES								
L0004896	0	0.70370E-07	501452.1	3753983.6	783.2	3.49	4.00	3.25
YES								
L0004897	0	0.70370E-07	501460.7	3753983.7	783.2	3.49	4.00	3.25
YES								
L0004898	0	0.70370E-07	501469.3	3753983.7	783.5	3.49	4.00	3.25
YES								
L0004899	0	0.70370E-07	501477.9	3753983.8	783.7	3.49	4.00	3.25
YES								
L0004900	0	0.71320E-07	501081.3	3753996.4	780.0	3.49	4.00	3.25
YES								
L0004901	0	0.71320E-07	501081.2	3754004.9	780.0	3.49	4.00	3.25
YES								
L0004902	0	0.71320E-07	501081.2	3754013.5	780.0	3.49	4.00	3.25
YES								
L0004903	0	0.71320E-07	501081.1	3754022.1	780.0	3.49	4.00	3.25
YES								
L0004904	0	0.71320E-07	501081.1	3754030.7	780.0	3.49	4.00	3.25
YES								
L0004905	0	0.71320E-07	501081.0	3754039.3	780.0	3.49	4.00	3.25
YES								
L0004906	0	0.71320E-07	501081.0	3754047.9	780.0	3.49	4.00	3.25
YES								
L0004907	0	0.71320E-07	501080.9	3754056.5	780.0	3.49	4.00	3.25
YES								
L0004908	0	0.71320E-07	501080.9	3754065.1	780.0	3.49	4.00	3.25
YES								
L0004909	0	0.71320E-07	501080.9	3754073.7	780.0	3.49	4.00	3.25
YES								
L0004910	0	0.71320E-07	501080.9	3754082.3	780.0	3.49	4.00	3.25
YES								
L0004911	0	0.71320E-07	501080.9	3754090.8	780.0	3.49	4.00	3.25
YES								
L0004912	0	0.71320E-07	501080.9	3754099.4	779.9	3.49	4.00	3.25
YES								
L0004913	0	0.71320E-07	501080.9	3754108.0	779.7	3.49	4.00	3.25
YES								
L0004914	0	0.71320E-07	501080.9	3754116.6	779.5	3.49	4.00	3.25
YES								
L0004915	0	0.71320E-07	501081.1	3754125.2	779.4	3.49	4.00	3.25
YES								
L0004916	0	0.71320E-07	501081.3	3754133.8	779.3	3.49	4.00	3.25
YES								
L0004917	0	0.71320E-07	501081.5	3754142.4	779.2	3.49	4.00	3.25
YES								
L0004918	0	0.71320E-07	501081.7	3754151.0	779.1	3.49	4.00	3.25

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*** AERMOT - VERSION 21112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont  
Dowling\14410 Op ***                09/08/22  
*** AERMET - VERSION 16216 ***  
***                                     *** 11:35:59
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***  MODELOPTs:      RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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SOURCE		NUMBER	EMISSION	RATE	BASE	RELEASE	INIT.	INIT.	
SOURCE		URBAN	EMISSION	RATE					
SOURCE		PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ
ID	SCALAR	VARY							
(METERS)	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	
			BY						

L0004933	0	0.71320E-07	501132.9	3754267.7	779.1	3.49	4.00	3.25
YES								
L0004934	0	0.71320E-07	501137.4	3754275.0	779.2	3.49	4.00	3.25
YES								
L0004935	0	0.71320E-07	501141.9	3754282.3	779.4	3.49	4.00	3.25
YES								
L0004936	0	0.71320E-07	501146.4	3754289.6	779.5	3.49	4.00	3.25
YES								
L0004937	0	0.71320E-07	501150.9	3754296.9	779.7	3.49	4.00	3.25
YES								
L0004938	0	0.71320E-07	501155.4	3754304.3	779.8	3.49	4.00	3.25
YES								
L0004939	0	0.71320E-07	501159.9	3754311.6	780.0	3.49	4.00	3.25
YES								
L0004940	0	0.71320E-07	501164.4	3754318.9	780.0	3.49	4.00	3.25
YES								
L0004941	0	0.71320E-07	501168.9	3754326.2	780.0	3.49	4.00	3.25

YES								
L0004942	0	0.71320E-07	501173.4	3754333.5	780.0	3.49	4.00	3.25
YES								
L0004943	0	0.71320E-07	501177.9	3754340.8	780.1	3.49	4.00	3.25
YES								
L0004944	0	0.71320E-07	501182.4	3754348.2	780.3	3.49	4.00	3.25
YES								
L0004945	0	0.71320E-07	501186.9	3754355.5	780.6	3.49	4.00	3.25
YES								
L0004946	0	0.71320E-07	501191.4	3754362.8	780.9	3.49	4.00	3.25
YES								
L0004947	0	0.71320E-07	501196.0	3754370.1	780.9	3.49	4.00	3.25
YES								
L0004948	0	0.71320E-07	501200.5	3754377.4	780.8	3.49	4.00	3.25
YES								
L0004949	0	0.71320E-07	501205.0	3754384.7	780.7	3.49	4.00	3.25
YES								
L0004950	0	0.71320E-07	501209.5	3754392.1	780.7	3.49	4.00	3.25
YES								
L0004951	0	0.71320E-07	501214.0	3754399.4	780.8	3.49	4.00	3.25
YES								
L0004952	0	0.71320E-07	501218.5	3754406.7	780.9	3.49	4.00	3.25
YES								
L0004953	0	0.71320E-07	501223.0	3754414.0	781.0	3.49	4.00	3.25
YES								
L0004954	0	0.71320E-07	501227.5	3754421.3	781.2	3.49	4.00	3.25
YES								
L0004955	0	0.71320E-07	501232.0	3754428.6	781.4	3.49	4.00	3.25
YES								
L0004956	0	0.71320E-07	501236.5	3754435.9	781.5	3.49	4.00	3.25
YES								
L0004957	0	0.71320E-07	501241.0	3754443.3	781.7	3.49	4.00	3.25
YES								
L0004958	0	0.71320E-07	501245.5	3754450.6	781.8	3.49	4.00	3.25
YES								
L0004959	0	0.71320E-07	501250.0	3754457.9	782.0	3.49	4.00	3.25
YES								
L0004960	0	0.71320E-07	501254.5	3754465.2	782.0	3.49	4.00	3.25
YES								
L0004961	0	0.71320E-07	501259.0	3754472.5	782.0	3.49	4.00	3.25
YES								
L0004962	0	0.71320E-07	501263.5	3754479.8	782.0	3.49	4.00	3.25
YES								
L0004963	0	0.71320E-07	501268.0	3754487.2	782.0	3.49	4.00	3.25
YES								
L0004964	0	0.71320E-07	501272.5	3754494.5	782.2	3.49	4.00	3.25
YES								
L0004965	0	0.71320E-07	501277.0	3754501.8	782.5	3.49	4.00	3.25
YES								
L0004966	0	0.71320E-07	501281.5	3754509.1	782.8	3.49	4.00	3.25
YES								
L0004967	0	0.71320E-07	501286.0	3754516.4	783.0	3.49	4.00	3.25
YES								
L0004968	0	0.71320E-07	501290.5	3754523.7	783.1	3.49	4.00	3.25
YES								
L0004969	0	0.71320E-07	501295.0	3754531.1	783.2	3.49	4.00	3.25
YES								
L0004970	0	0.71320E-07	501299.5	3754538.4	783.5	3.49	4.00	3.25
YES								
L0004971	0	0.71320E-07	501304.0	3754545.7	783.8	3.49	4.00	3.25
YES								
L0004972	0	0.71320E-07	501308.5	3754553.0	783.9	3.49	4.00	3.25
YES								

11:35:59

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION	RATE					
ID	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ
(METERS)	SCALAR	VARY						
	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	
		BY						
L0004973	0	0.71320E-07	501313.0	3754560.3	784.0	3.49	4.00	3.25
YES								
L0004974	0	0.71320E-07	501317.7	3754567.5	784.0	3.49	4.00	3.25
YES								
L0004975	0	0.60640E-06	500111.2	3754411.1	776.0	3.49	4.00	3.25
YES								
L0004976	0	0.60640E-06	500119.8	3754411.0	775.5	3.49	4.00	3.25
YES								
L0004977	0	0.60640E-06	500128.4	3754410.8	775.1	3.49	4.00	3.25
YES								
L0004978	0	0.60640E-06	500137.0	3754410.7	774.7	3.49	4.00	3.25
YES								
L0004979	0	0.60640E-06	500145.5	3754410.5	773.7	3.49	4.00	3.25
YES								
L0004980	0	0.60640E-06	500154.1	3754410.3	772.4	3.49	4.00	3.25
YES								
L0004981	0	0.60640E-06	500162.7	3754410.1	771.1	3.49	4.00	3.25
YES								
L0004982	0	0.60640E-06	500171.2	3754409.1	769.7	3.49	4.00	3.25
YES								
L0004983	0	0.60640E-06	500179.5	3754406.8	769.8	3.49	4.00	3.25
YES								
L0004984	0	0.60640E-06	500187.9	3754405.5	770.1	3.49	4.00	3.25
YES								
L0004985	0	0.60640E-06	500196.5	3754404.5	770.5	3.49	4.00	3.25
YES								
L0004986	0	0.60640E-06	500205.0	3754403.4	771.4	3.49	4.00	3.25
YES								
L0004987	0	0.60640E-06	500213.6	3754402.8	772.6	3.49	4.00	3.25
YES								
L0004988	0	0.60640E-06	500222.1	3754402.5	773.8	3.49	4.00	3.25
YES								
L0004989	0	0.60640E-06	500230.7	3754402.1	775.0	3.49	4.00	3.25
YES								
L0004990	0	0.60640E-06	500239.3	3754401.8	775.0	3.49	4.00	3.25
YES								
L0004991	0	0.60640E-06	500247.9	3754401.5	775.1	3.49	4.00	3.25
YES								
L0004992	0	0.60640E-06	500256.5	3754401.1	775.1	3.49	4.00	3.25
YES								
L0004993	0	0.60640E-06	500265.1	3754400.8	775.0	3.49	4.00	3.25
YES								
L0004994	0	0.60640E-06	500273.6	3754400.4	774.7	3.49	4.00	3.25
YES								
L0004995	0	0.60640E-06	500282.2	3754400.1	774.4	3.49	4.00	3.25
YES								
L0004996	0	0.60640E-06	500290.8	3754399.7	774.1	3.49	4.00	3.25
YES								
L0004997	0	0.60640E-06	500299.4	3754399.4	773.8	3.49	4.00	3.25

YES								
L0004998	0	0.60640E-06	500308.0	3754399.0	773.6	3.49	4.00	3.25
YES								
L0004999	0	0.60640E-06	500316.6	3754398.7	773.3	3.49	4.00	3.25
YES								
L0005000	0	0.60640E-06	500325.1	3754398.3	773.3	3.49	4.00	3.25
YES								
L0005001	0	0.60640E-06	500333.7	3754398.0	773.5	3.49	4.00	3.25
YES								
L0005002	0	0.60640E-06	500342.3	3754397.6	773.8	3.49	4.00	3.25
YES								
L0005003	0	0.60640E-06	500350.9	3754397.3	774.0	3.49	4.00	3.25
YES								
L0005004	0	0.60640E-06	500359.5	3754397.0	774.0	3.49	4.00	3.25
YES								
L0005005	0	0.60640E-06	500368.1	3754396.6	774.0	3.49	4.00	3.25
YES								
L0005006	0	0.60640E-06	500376.6	3754396.3	774.0	3.49	4.00	3.25
YES								
L0005007	0	0.60640E-06	500385.2	3754395.9	774.3	3.49	4.00	3.25
YES								
L0005008	0	0.60640E-06	500393.8	3754395.6	774.9	3.49	4.00	3.25
YES								
L0005009	0	0.60640E-06	500402.4	3754395.2	775.5	3.49	4.00	3.25
YES								
L0005010	0	0.60640E-06	500411.0	3754394.9	776.0	3.49	4.00	3.25
YES								
L0005011	0	0.60640E-06	500419.6	3754394.5	776.6	3.49	4.00	3.25
YES								
L0005012	0	0.60640E-06	500428.1	3754394.2	777.2	3.49	4.00	3.25
YES								

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*** AERMOD - VERSION 21112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op ***                09/08/22
*** AERMET - VERSION 16216 ***
***                                     ***                11:35:59

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*** MODELOPTs:   RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

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*** VOLUME SOURCE DATA ***

SOURCE	SOURCE	ID	NUMBER URBAN PART.	EMISSION EMISSION (GRAMS/SEC)	RATE	X	Y	BASE ELEV.	RELEASE HEIGHT	INIT. SY	INIT. SZ		
SCALAR VARY		CATS.	BY		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)				

L0005013		0	0.60640E-06	500436.6	3754395.3	777.7	3.49	4.00	3.25				
YES													
L0005014		0	0.60640E-06	500445.1	3754396.8	778.2	3.49	4.00	3.25				
YES													
L0005015		0	0.60640E-06	500452.7	3754400.7	778.6	3.49	4.00	3.25				
YES													
L0005016		0	0.60640E-06	500454.7	3754406.3	778.8	3.49	4.00	3.25				
YES													
L0005017		0	0.60640E-06	500450.4	3754413.7	778.9	3.49	4.00	3.25				
YES													
L0005018		0	0.60640E-06	500446.9	3754421.4	779.0	3.49	4.00	3.25				
YES													
L0005019		0	0.60640E-06	500446.8	3754430.0	779.2	3.49	4.00	3.25				
YES													
L0005020		0	0.60640E-06	500446.6	3754438.6	779.2	3.49	4.00	3.25				

YES								
L0005021	0	0.60640E-06	500446.4	3754447.2	779.2	3.49	4.00	3.25
YES								
L0005022	0	0.60640E-06	500446.2	3754455.8	779.2	3.49	4.00	3.25
YES								
L0005023	0	0.60640E-06	500446.0	3754464.3	779.2	3.49	4.00	3.25
YES								
L0005024	0	0.60640E-06	500445.8	3754472.9	779.2	3.49	4.00	3.25
YES								
L0005025	0	0.60640E-06	500445.7	3754481.5	779.2	3.49	4.00	3.25
YES								
L0005026	0	0.60640E-06	500445.5	3754490.1	779.2	3.49	4.00	3.25
YES								
L0005027	0	0.60640E-06	500445.3	3754498.7	779.1	3.49	4.00	3.25
YES								
L0005028	0	0.60640E-06	500445.1	3754507.3	779.1	3.49	4.00	3.25
YES								
L0005029	0	0.60640E-06	500444.9	3754515.9	779.1	3.49	4.00	3.25
YES								
L0005030	0	0.60640E-06	500444.8	3754524.5	779.4	3.49	4.00	3.25
YES								
L0005031	0	0.60640E-06	500444.6	3754533.0	779.6	3.49	4.00	3.25
YES								
L0005032	0	0.60640E-06	500444.4	3754541.6	779.9	3.49	4.00	3.25
YES								
L0005033	0	0.60640E-06	500444.2	3754550.2	780.0	3.49	4.00	3.25
YES								
L0005034	0	0.60640E-06	500444.0	3754558.8	780.0	3.49	4.00	3.25
YES								
L0005035	0	0.60640E-06	500443.8	3754567.4	780.0	3.49	4.00	3.25
YES								
L0005036	0	0.60640E-06	500443.7	3754576.0	780.0	3.49	4.00	3.25
YES								
L0005037	0	0.60640E-06	500443.5	3754584.6	780.3	3.49	4.00	3.25
YES								
L0005038	0	0.60640E-06	500443.3	3754593.2	780.5	3.49	4.00	3.25
YES								
L0005039	0	0.60640E-06	500443.1	3754601.8	780.8	3.49	4.00	3.25
YES								
L0005040	0	0.60640E-06	500442.9	3754610.3	781.1	3.49	4.00	3.25
YES								
L0005041	0	0.60640E-06	500442.8	3754618.9	781.4	3.49	4.00	3.25
YES								
L0005042	0	0.60640E-06	500442.6	3754627.5	781.7	3.49	4.00	3.25
YES								
L0005043	0	0.60640E-06	500442.4	3754636.1	782.0	3.49	4.00	3.25
YES								
L0005044	0	0.60640E-06	500442.2	3754644.7	782.0	3.49	4.00	3.25
YES								
L0005045	0	0.60640E-06	500442.0	3754653.3	782.0	3.49	4.00	3.25
YES								
L0005046	0	0.60640E-06	500441.9	3754661.9	782.0	3.49	4.00	3.25
YES								
L0005047	0	0.60640E-06	500441.7	3754670.5	782.0	3.49	4.00	3.25
YES								
L0005048	0	0.60640E-06	500441.5	3754679.0	782.0	3.49	4.00	3.25
YES								
L0005049	0	0.60640E-06	500441.3	3754687.6	782.0	3.49	4.00	3.25
YES								
L0005050	0	0.60640E-06	500441.1	3754696.2	782.0	3.49	4.00	3.25
YES								
L0005051	0	0.60640E-06	500440.9	3754704.8	781.4	3.49	4.00	3.25
YES								
L0005052	0	0.60640E-06	500436.6	3754711.1	781.0	3.49	4.00	3.25
YES								

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION	RATE					
ID	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ
(METERS)	SCALAR VARY		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	
	CATS.	BY						
L0005053	0	0.60640E-06	500429.4	3754715.9	780.8	3.49	4.00	3.25
YES								
L0005054	0	0.60640E-06	500421.0	3754716.3	780.9	3.49	4.00	3.25
YES								
L0005055	0	0.60640E-06	500412.4	3754716.3	781.0	3.49	4.00	3.25
YES								
L0005056	0	0.60640E-06	500403.8	3754716.3	781.0	3.49	4.00	3.25
YES								
L0005057	0	0.60640E-06	500395.2	3754716.3	781.0	3.49	4.00	3.25
YES								
L0005058	0	0.60640E-06	500386.6	3754716.3	781.0	3.49	4.00	3.25
YES								
L0005059	0	0.60640E-06	500378.0	3754716.3	781.0	3.49	4.00	3.25
YES								
L0005060	0	0.60640E-06	500369.4	3754716.3	781.0	3.49	4.00	3.25
YES								
L0005061	0	0.60640E-06	500360.8	3754716.3	781.0	3.49	4.00	3.25
YES								
L0005062	0	0.60640E-06	500352.2	3754716.3	781.0	3.49	4.00	3.25
YES								
L0005063	0	0.60640E-06	500343.7	3754716.3	781.0	3.49	4.00	3.25
YES								
L0005064	0	0.60640E-06	500335.1	3754716.3	781.0	3.49	4.00	3.25
YES								
L0005065	0	0.60640E-06	500326.5	3754716.3	781.0	3.49	4.00	3.25
YES								
L0005066	0	0.60640E-06	500317.9	3754716.3	781.0	3.49	4.00	3.25
YES								
L0005067	0	0.60640E-06	500309.3	3754716.3	781.0	3.49	4.00	3.25
YES								
L0005068	0	0.60640E-06	500300.7	3754716.3	781.0	3.49	4.00	3.25
YES								
L0005069	0	0.60640E-06	500292.1	3754716.3	781.0	3.49	4.00	3.25
YES								
L0005070	0	0.60640E-06	500283.5	3754716.3	781.0	3.49	4.00	3.25
YES								
L0005071	0	0.60640E-06	500274.9	3754716.3	781.0	3.49	4.00	3.25
YES								
L0005072	0	0.60640E-06	500266.3	3754716.3	781.0	3.49	4.00	3.25
YES								
L0005073	0	0.60640E-06	500257.8	3754716.3	780.9	3.49	4.00	3.25
YES								
L0005074	0	0.60640E-06	500249.2	3754716.3	780.6	3.49	4.00	3.25
YES								
L0005075	0	0.60640E-06	500240.6	3754716.3	780.3	3.49	4.00	3.25
YES								
L0005076	0	0.60640E-06	500232.0	3754716.3	780.0	3.49	4.00	3.25

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FF *** AERMOT - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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*** 11:35:59

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*** VOLUME SOURCE DATA ***

SOURCE		NUMBER	EMISSION RATE		BASE	RELEASE	INIT.	INIT.	
SOURCE		URBAN	EMISSION RATE						
SOURCE		PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ
ID	SCALAR	VARY							
(METERS)	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	
		BY							
L0005093	0	0.60640E-06	500170.8	3754627.7	779.0	3.49	4.00	3.25	
YES									
L0005094	0	0.60640E-06	500170.9	3754619.1	779.0	3.49	4.00	3.25	
YES									
L0005095	0	0.60640E-06	500171.0	3754610.6	779.0	3.49	4.00	3.25	
YES									
L0005096	0	0.60640E-06	500171.0	3754602.0	779.0	3.49	4.00	3.25	
YES									
L0005097	0	0.60640E-06	500171.1	3754593.4	779.0	3.49	4.00	3.25	
YES									
L0005098	0	0.60640E-06	500171.1	3754584.8	779.0	3.49	4.00	3.25	
YES									
L0005099	0	0.60640E-06	500171.2	3754576.2	779.0	3.49	4.00	3.25	

YES								
L0005100	0	0.60640E-06	500171.2	3754567.6	779.0	3.49	4.00	3.25
YES								
L0005101	0	0.60640E-06	500171.3	3754559.0	779.0	3.49	4.00	3.25
YES								
L0005102	0	0.60640E-06	500171.4	3754550.4	779.0	3.49	4.00	3.25
YES								
L0005103	0	0.60640E-06	500171.4	3754541.8	778.8	3.49	4.00	3.25
YES								
L0005104	0	0.60640E-06	500171.5	3754533.3	778.5	3.49	4.00	3.25
YES								
L0005105	0	0.60640E-06	500171.5	3754524.7	778.2	3.49	4.00	3.25
YES								
L0005106	0	0.60640E-06	500171.6	3754516.1	777.9	3.49	4.00	3.25
YES								
L0005107	0	0.60640E-06	500171.7	3754507.5	777.1	3.49	4.00	3.25
YES								
L0005108	0	0.60640E-06	500171.7	3754498.9	776.2	3.49	4.00	3.25
YES								
L0005109	0	0.60640E-06	500171.8	3754490.3	775.4	3.49	4.00	3.25
YES								
L0005110	0	0.60640E-06	500171.8	3754481.7	774.8	3.49	4.00	3.25
YES								
L0005111	0	0.60640E-06	500171.9	3754473.1	774.5	3.49	4.00	3.25
YES								
L0005112	0	0.60640E-06	500172.0	3754464.5	774.3	3.49	4.00	3.25
YES								
L0005113	0	0.60640E-06	500172.0	3754455.9	774.0	3.49	4.00	3.25
YES								
L0005114	0	0.60640E-06	500172.1	3754447.4	773.4	3.49	4.00	3.25
YES								
L0005115	0	0.60640E-06	500172.1	3754438.8	772.8	3.49	4.00	3.25
YES								
L0005116	0	0.60640E-06	500172.2	3754430.2	772.2	3.49	4.00	3.25
YES								
L0005117	0	0.60640E-06	500172.3	3754421.6	771.3	3.49	4.00	3.25
YES								
L0005118	0	0.70900E-07	500092.9	3754410.2	776.0	3.49	4.00	3.25
YES								
L0005119	0	0.70900E-07	500084.4	3754409.1	776.0	3.49	4.00	3.25
YES								
L0005120	0	0.70900E-07	500075.9	3754408.0	775.9	3.49	4.00	3.25
YES								
L0005121	0	0.70900E-07	500067.3	3754406.9	775.7	3.49	4.00	3.25
YES								
L0005122	0	0.70900E-07	500063.2	3754402.1	775.8	3.49	4.00	3.25
YES								
L0005123	0	0.70900E-07	500063.5	3754393.5	776.0	3.49	4.00	3.25
YES								
L0005124	0	0.70900E-07	500063.8	3754384.9	776.0	3.49	4.00	3.25
YES								
L0005125	0	0.70900E-07	500063.8	3754376.3	776.0	3.49	4.00	3.25
YES								
L0005126	0	0.70900E-07	500063.8	3754367.7	776.0	3.49	4.00	3.25
YES								
L0005127	0	0.70900E-07	500063.8	3754359.2	775.9	3.49	4.00	3.25
YES								
L0005128	0	0.70900E-07	500063.8	3754350.6	775.8	3.49	4.00	3.25
YES								
L0005129	0	0.70900E-07	500063.5	3754342.0	775.7	3.49	4.00	3.25
YES								
L0005130	0	0.70900E-07	500062.8	3754333.4	775.1	3.49	4.00	3.25
YES								
L0005131	0	0.70900E-07	500062.1	3754324.9	773.7	3.49	4.00	3.25
YES								
L0005132	0	0.70900E-07	500061.3	3754316.3	772.3	3.49	4.00	3.25

YES

*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
*** 11:35:59

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE		NUMBER	EMISSION	RATE			BASE	RELEASE	INIT.	INIT.
SOURCE		URBAN	EMISSION	RATE			ELEV.	HEIGHT	SY	SZ
ID		PART.	(GRAMS/SEC)	X	Y			(METERS)	(METERS)	(METERS)
(METERS)		SCALAR VARY	BY	(METERS)	(METERS)			(METERS)	(METERS)	(METERS)
		CATS.								
L0005133		0	0.70900E-07	500060.6	3754307.8		770.9	3.49	4.00	3.25
YES										
L0005134		0	0.70900E-07	500057.7	3754299.7		769.0	3.49	4.00	3.25
YES										
L0005135		0	0.70900E-07	500054.7	3754291.6		767.0	3.49	4.00	3.25
YES										
L0005136		0	0.70900E-07	500051.6	3754283.6		765.1	3.49	4.00	3.25
YES										
L0005137		0	0.70900E-07	500049.0	3754275.5		763.0	3.49	4.00	3.25
YES										
L0005138		0	0.70900E-07	500046.6	3754267.2		761.0	3.49	4.00	3.25
YES										
L0005139		0	0.70900E-07	500044.2	3754258.9		758.9	3.49	4.00	3.25
YES										
L0005140		0	0.70900E-07	500041.9	3754250.7		756.6	3.49	4.00	3.25
YES										
L0005141		0	0.70900E-07	500039.5	3754242.4		755.3	3.49	4.00	3.25
YES										
L0005142		0	0.70900E-07	500037.2	3754234.2		755.3	3.49	4.00	3.25
YES										
L0005143		0	0.70900E-07	500037.1	3754225.6		755.1	3.49	4.00	3.25
YES										
L0005144		0	0.70900E-07	500037.1	3754217.0		755.0	3.49	4.00	3.25
YES										
L0005145		0	0.70900E-07	500037.1	3754208.4		756.9	3.49	4.00	3.25
YES										
L0005146		0	0.70900E-07	500037.2	3754199.8		759.0	3.49	4.00	3.25
YES										
L0005147		0	0.70900E-07	500037.2	3754191.2		761.1	3.49	4.00	3.25
YES										
L0005148		0	0.70900E-07	500037.3	3754182.6		763.2	3.49	4.00	3.25
YES										
L0005149		0	0.70900E-07	500037.3	3754174.1		765.4	3.49	4.00	3.25
YES										
L0005150		0	0.70900E-07	500037.4	3754165.5		767.6	3.49	4.00	3.25
YES										
L0005151		0	0.70900E-07	500037.4	3754156.9		769.8	3.49	4.00	3.25
YES										
L0005152		0	0.70900E-07	500037.5	3754148.3		770.8	3.49	4.00	3.25
YES										
L0005153		0	0.70900E-07	500037.5	3754139.7		771.6	3.49	4.00	3.25
YES										
L0005154		0	0.70900E-07	500037.6	3754131.1		772.5	3.49	4.00	3.25
YES										
L0005155		0	0.70900E-07	500037.6	3754122.5		773.2	3.49	4.00	3.25


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FF *** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
*** *** 11:35:59
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*** MODELOPTs:      RegDEFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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		NUMBER	EMISSION RATE		BASE	RELEASE	INIT.	INIT.	
		URBAN	EMISSION RATE						
SOURCE		PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ
SOURCE	SCALAR	VARY							
ID		CATS.	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)		
(METERS)			BY						

L0005173	0	0.65180E-07	500110.1	3753994.8	775.6	3.49	6.51	3.25
YES								
L0005174	0	0.65180E-07	500124.1	3753994.3	775.3	3.49	6.51	3.25
YES								
L0005175	0	0.65180E-07	500138.1	3753993.9	775.0	3.49	6.51	3.25
YES								
L0005176	0	0.65180E-07	500152.1	3753993.4	774.8	3.49	6.51	3.25
YES								
L0005177	0	0.65180E-07	500166.1	3753993.0	774.6	3.49	6.51	3.25
YES								
L0005178	0	0.65180E-07	500180.1	3753992.5	774.1	3.49	6.51	3.25

YES								
L0005179	0	0.65180E-07	500194.1	3753992.1	773.3	3.49	6.51	3.25
YES								
L0005180	0	0.65180E-07	500208.1	3753991.6	772.3	3.49	6.51	3.25
YES								
L0005181	0	0.65180E-07	500222.1	3753991.2	770.9	3.49	6.51	3.25
YES								
L0005182	0	0.65180E-07	500236.1	3753990.7	770.0	3.49	6.51	3.25
YES								
L0005183	0	0.65180E-07	500250.1	3753990.3	770.2	3.49	6.51	3.25
YES								
L0005184	0	0.65180E-07	500264.1	3753989.8	770.4	3.49	6.51	3.25
YES								
L0005185	0	0.65180E-07	500278.1	3753989.4	770.3	3.49	6.51	3.25
YES								
L0005186	0	0.65180E-07	500292.0	3753988.9	770.2	3.49	6.51	3.25
YES								
L0005187	0	0.65180E-07	500306.0	3753988.5	769.9	3.49	6.51	3.25
YES								
L0005188	0	0.65180E-07	500320.0	3753988.0	769.6	3.49	6.51	3.25
YES								
L0005189	0	0.65180E-07	500334.0	3753987.6	770.0	3.49	6.51	3.25
YES								
L0005190	0	0.65180E-07	500348.0	3753987.1	770.4	3.49	6.51	3.25
YES								
L0005191	0	0.65180E-07	500362.0	3753986.7	771.3	3.49	6.51	3.25
YES								
L0005192	0	0.65180E-07	500376.0	3753986.2	772.3	3.49	6.51	3.25
YES								
L0005193	0	0.65180E-07	500390.0	3753985.8	773.1	3.49	6.51	3.25
YES								
L0005194	0	0.65180E-07	500404.0	3753985.3	773.7	3.49	6.51	3.25
YES								
L0005195	0	0.65180E-07	500418.0	3753984.9	774.2	3.49	6.51	3.25
YES								
L0005196	0	0.65180E-07	500432.0	3753984.4	774.7	3.49	6.51	3.25
YES								
L0005197	0	0.65180E-07	500446.0	3753984.0	775.2	3.49	6.51	3.25
YES								
L0005198	0	0.65180E-07	500460.0	3753983.5	775.6	3.49	6.51	3.25
YES								
L0005199	0	0.65180E-07	500473.9	3753983.1	776.0	3.49	6.51	3.25
YES								
L0005200	0	0.65180E-07	500487.9	3753982.6	776.1	3.49	6.51	3.25
YES								
L0005201	0	0.65180E-07	500501.9	3753982.2	776.3	3.49	6.51	3.25
YES								
L0005202	0	0.99380E-07	500033.1	3753996.3	773.2	3.49	6.51	3.25
YES								
L0005203	0	0.99380E-07	500019.1	3753996.0	772.5	3.49	6.51	3.25
YES								
L0005204	0	0.99380E-07	500005.1	3753995.8	771.1	3.49	6.51	3.25
YES								
L0005205	0	0.99380E-07	499991.1	3753995.5	769.7	3.49	6.51	3.25
YES								
L0005206	0	0.99380E-07	499977.1	3753995.5	768.4	3.49	6.51	3.25
YES								
L0005207	0	0.99380E-07	499963.1	3753995.6	767.2	3.49	6.51	3.25
YES								
L0005208	0	0.99380E-07	499949.1	3753995.7	766.0	3.49	6.51	3.25
YES								
L0005209	0	0.99380E-07	499935.1	3753995.7	764.7	3.49	6.51	3.25
YES								
L0005210	0	0.99380E-07	499921.1	3753995.8	764.3	3.49	6.51	3.25
YES								
L0005211	0	0.99380E-07	499907.1	3753995.9	763.3	3.49	6.51	3.25

YES
L0005212 0 0.99380E-07 499893.1 3753996.0 763.2 3.49 6.51 3.25
YES
*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

		NUMBER	EMISSION RATE		BASE	RELEASE	INIT.	INIT.
		URBAN	EMISSION RATE					
SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ
SOURCE	SCALAR	VARY						
ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	
(METERS)		BY						
L0005213	0	0.99380E-07	499879.1	3753996.5	763.1	3.49	6.51	3.25
YES								
L0005214	0	0.99380E-07	499865.1	3753997.1	763.2	3.49	6.51	3.25
YES								
L0005215	0	0.99380E-07	499851.1	3753997.8	763.5	3.49	6.51	3.25
YES								
L0005216	0	0.99380E-07	499837.2	3753998.4	763.7	3.49	6.51	3.25
YES								
L0005217	0	0.99380E-07	499823.2	3753999.6	763.8	3.49	6.51	3.25
YES								
L0005218	0	0.99380E-07	499809.4	3754001.6	763.9	3.49	6.51	3.25
YES								
L0005219	0	0.99380E-07	499795.5	3754003.7	761.6	3.49	6.51	3.25
YES								
L0005220	0	0.99380E-07	499782.3	3754008.2	759.1	3.49	6.51	3.25
YES								
L0005221	0	0.99380E-07	499769.3	3754013.3	756.6	3.49	6.51	3.25
YES								
L0005222	0	0.99380E-07	499756.2	3754018.4	754.4	3.49	6.51	3.25
YES								
L0005223	0	0.99380E-07	499743.2	3754023.4	752.7	3.49	6.51	3.25
YES								
L0005224	0	0.99380E-07	499730.1	3754028.5	751.5	3.49	6.51	3.25
YES								
L0005225	0	0.99380E-07	499717.1	3754033.6	750.7	3.49	6.51	3.25
YES								
L0005226	0	0.99380E-07	499704.0	3754038.6	750.1	3.49	6.51	3.25
YES								
L0005227	0	0.99380E-07	499691.0	3754043.7	749.8	3.49	6.51	3.25
YES								
L0005228	0	0.99380E-07	499677.9	3754048.8	749.8	3.49	6.51	3.25
YES								
L0005229	0	0.99380E-07	499664.9	3754053.8	749.9	3.49	6.51	3.25
YES								
L0005230	0	0.99380E-07	499651.8	3754058.9	750.1	3.49	6.51	3.25
YES								
L0005231	0	0.99380E-07	499638.8	3754064.0	750.1	3.49	6.51	3.25
YES								
L0005232	0	0.99380E-07	499625.7	3754069.1	750.1	3.49	6.51	3.25
YES								
L0005233	0	0.99380E-07	499612.7	3754074.1	750.2	3.49	6.51	3.25
YES								
L0005234	0	0.99380E-07	499599.6	3754079.2	750.8	3.49	6.51	3.25

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Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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*** 11:35:59

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

		NUMBER	EMISSION RATE		BASE	RELEASE	INIT.	INIT.	
		URBAN	EMISSION RATE						
SOURCE		PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ
SOURCE	SCALAR	VARY							
ID		CATS.	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)		
(METERS)			BY						

L0005253	0	0.99380E-07	499337.8	3754105.7	746.9	3.49	6.51	3.25
YES								
L0005254	0	0.99380E-07	499323.8	3754105.3	748.7	3.49	6.51	3.25
YES								
L0005255	0	0.99380E-07	499309.8	3754104.9	750.5	3.49	6.51	3.25
YES								
L0005256	0	0.99380E-07	499295.8	3754104.5	751.0	3.49	6.51	3.25
YES								
L0005257	0	0.99380E-07	499281.8	3754104.1	749.0	3.49	6.51	3.25

YES								
L0005258	0	0.99380E-07	499267.8	3754103.7	747.2	3.49	6.51	3.25
YES								
L0005259	0	0.99380E-07	499253.8	3754103.3	746.6	3.49	6.51	3.25
YES								
L0005260	0	0.99380E-07	499239.8	3754103.0	745.9	3.49	6.51	3.25
YES								
L0005261	0	0.99380E-07	499225.8	3754102.6	744.7	3.49	6.51	3.25
YES								
L0005262	0	0.99380E-07	499211.8	3754102.2	743.7	3.49	6.51	3.25
YES								
L0005263	0	0.99380E-07	499197.8	3754101.8	744.1	3.49	6.51	3.25
YES								
L0005264	0	0.99380E-07	499183.8	3754101.4	744.7	3.49	6.51	3.25
YES								
L0005265	0	0.99380E-07	499169.8	3754101.0	744.9	3.49	6.51	3.25
YES								
L0005266	0	0.99380E-07	499155.8	3754100.6	745.0	3.49	6.51	3.25
YES								
L0005267	0	0.99380E-07	499141.9	3754100.2	745.4	3.49	6.51	3.25
YES								
L0005268	0	0.99380E-07	499127.9	3754099.8	746.1	3.49	6.51	3.25
YES								
L0005269	0	0.99380E-07	499113.9	3754099.4	746.2	3.49	6.51	3.25
YES								
L0005270	0	0.99380E-07	499099.9	3754099.2	745.7	3.49	6.51	3.25
YES								
L0005271	0	0.99380E-07	499085.9	3754099.1	745.7	3.49	6.51	3.25
YES								
L0005272	0	0.99380E-07	499071.9	3754099.0	746.6	3.49	6.51	3.25
YES								
L0005273	0	0.99380E-07	499057.9	3754098.9	747.2	3.49	6.51	3.25
YES								
L0005274	0	0.99380E-07	499043.9	3754098.8	746.7	3.49	6.51	3.25
YES								
L0005275	0	0.99380E-07	499029.9	3754099.5	746.2	3.49	6.51	3.25
YES								
L0005276	0	0.99380E-07	499016.0	3754100.8	745.8	3.49	6.51	3.25
YES								
L0005277	0	0.99380E-07	499002.0	3754102.2	745.4	3.49	6.51	3.25
YES								
L0005278	0	0.99380E-07	498988.1	3754103.6	745.1	3.49	6.51	3.25
YES								
L0005279	0	0.99380E-07	498974.4	3754106.4	744.8	3.49	6.51	3.25
YES								
L0005280	0	0.99380E-07	498960.9	3754109.9	744.6	3.49	6.51	3.25
YES								
L0005281	0	0.99380E-07	498947.3	3754113.3	744.4	3.49	6.51	3.25
YES								
L0005282	0	0.99380E-07	498933.7	3754116.7	744.4	3.49	6.51	3.25
YES								
L0005283	0	0.99380E-07	498920.1	3754120.1	744.6	3.49	6.51	3.25
YES								
L0005284	0	0.99380E-07	498907.0	3754124.9	744.9	3.49	6.51	3.25
YES								
L0005285	0	0.99380E-07	498894.3	3754130.7	744.9	3.49	6.51	3.25
YES								
L0005286	0	0.99380E-07	498881.6	3754136.6	744.7	3.49	6.51	3.25
YES								
L0005287	0	0.99380E-07	498868.9	3754142.4	744.5	3.49	6.51	3.25
YES								
L0005288	0	0.99380E-07	498856.2	3754148.3	744.3	3.49	6.51	3.25
YES								
L0005289	0	0.99380E-07	498843.6	3754154.5	744.0	3.49	6.51	3.25
YES								
L0005290	0	0.99380E-07	498831.8	3754162.0	744.0	3.49	6.51	3.25

```

YES
L0005291      0    0.99380E-07  498819.9 3754169.4   744.0    3.49    6.51    3.25
YES
L0005292      0    0.99380E-07  498807.8 3754176.4   743.7    3.49    6.51    3.25
YES
*** AERMOD - VERSION 21112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op ***      09/08/22
*** AERMET - VERSION 16216 ***
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*** MODELOPTs:      RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

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*** VOLUME SOURCE DATA ***									
		NUMBER	EMISSION RATE		BASE	RELEASE	INIT.	INIT.	
SOURCE		URBAN	EMISSION RATE						
SOURCE	SCALAR	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ
ID	VARY	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	
(METERS)			BY						

L0005293		0	0.99380E-07	498795.4	3754182.9	743.8	3.49	6.51	3.25
YES									
L0005294		0	0.99380E-07	498782.9	3754189.3	744.2	3.49	6.51	3.25
YES									
L0005295		0	0.99380E-07	498770.5	3754195.7	744.4	3.49	6.51	3.25
YES									
L0005296		0	0.99380E-07	498758.0	3754202.1	744.5	3.49	6.51	3.25
YES									
L0005297		0	0.99380E-07	498745.6	3754208.4	744.7	3.49	6.51	3.25
YES									
L0005298		0	0.99380E-07	498732.2	3754212.6	744.9	3.49	6.51	3.25
YES									
L0005299		0	0.99380E-07	498718.9	3754216.8	745.0	3.49	6.51	3.25
YES									
L0005300		0	0.99380E-07	498705.5	3754221.0	745.0	3.49	6.51	3.25
YES									
L0005301		0	0.99380E-07	498692.2	3754225.3	744.8	3.49	6.51	3.25
YES									
L0005302		0	0.99380E-07	498678.7	3754229.0	744.6	3.49	6.51	3.25
YES									
L0005303		0	0.99380E-07	498664.8	3754230.4	744.4	3.49	6.51	3.25
YES									
L0005304		0	0.99380E-07	498650.9	3754231.9	744.2	3.49	6.51	3.25
YES									
L0005305		0	0.99380E-07	498636.9	3754233.3	743.7	3.49	6.51	3.25
YES									
L0005306		0	0.99380E-07	498623.0	3754234.5	742.3	3.49	6.51	3.25
YES									
L0005307		0	0.99380E-07	498609.0	3754234.7	740.8	3.49	6.51	3.25
YES									
L0005308		0	0.99380E-07	498595.0	3754234.9	737.7	3.49	6.51	3.25
YES									
L0005309		0	0.99380E-07	498581.0	3754235.1	734.6	3.49	6.51	3.25
YES									
L0005310		0	0.99380E-07	498567.0	3754235.4	733.6	3.49	6.51	3.25
YES									
L0005311		0	0.99380E-07	498553.0	3754235.6	732.6	3.49	6.51	3.25
YES									
L0005312		0	0.99380E-07	498539.0	3754235.8	732.1	3.49	6.51	3.25
YES									
L0005313		0	0.99380E-07	498525.0	3754236.0	731.8	3.49	6.51	3.25

YES								
L0005337	0	0.99380E-07	498457.4	3754510.0	731.7	3.49	6.51	3.25
YES								
L0005338	0	0.99380E-07	498457.2	3754524.0	732.9	3.49	6.51	3.25
YES								
L0005339	0	0.99380E-07	498456.9	3754538.0	734.8	3.49	6.51	3.25
YES								
L0005340	0	0.99380E-07	498456.7	3754552.0	736.7	3.49	6.51	3.25
YES								
L0005341	0	0.99380E-07	498456.5	3754566.0	738.6	3.49	6.51	3.25
YES								
L0005342	0	0.99380E-07	498456.2	3754580.0	740.4	3.49	6.51	3.25
YES								
L0005343	0	0.99380E-07	498456.0	3754594.0	741.9	3.49	6.51	3.25
YES								
L0005344	0	0.99380E-07	498455.7	3754608.0	743.2	3.49	6.51	3.25
YES								
L0005345	0	0.99380E-07	498455.5	3754622.0	743.6	3.49	6.51	3.25
YES								
L0005346	0	0.99380E-07	498455.2	3754636.0	744.0	3.49	6.51	3.25
YES								
L0005347	0	0.99380E-07	498455.0	3754650.0	743.9	3.49	6.51	3.25
YES								
L0005348	0	0.99380E-07	498454.8	3754664.0	743.8	3.49	6.51	3.25
YES								
L0005349	0	0.99380E-07	498454.5	3754678.0	743.0	3.49	6.51	3.25
YES								
L0005350	0	0.99380E-07	498454.3	3754692.0	742.1	3.49	6.51	3.25
YES								
L0005351	0	0.99380E-07	498454.0	3754706.0	742.1	3.49	6.51	3.25
YES								
L0005352	0	0.99380E-07	498453.8	3754720.0	742.6	3.49	6.51	3.25
YES								
L0005353	0	0.99380E-07	498453.5	3754734.0	742.8	3.49	6.51	3.25
YES								
L0005354	0	0.99380E-07	498453.3	3754748.0	742.8	3.49	6.51	3.25
YES								
L0005355	0	0.99380E-07	498453.1	3754762.0	742.7	3.49	6.51	3.25
YES								
L0005356	0	0.99380E-07	498452.8	3754776.0	742.6	3.49	6.51	3.25
YES								
L0005357	0	0.99380E-07	498452.6	3754790.0	742.4	3.49	6.51	3.25
YES								
L0005358	0	0.99380E-07	498452.3	3754804.0	742.0	3.49	6.51	3.25
YES								
L0005359	0	0.99380E-07	498452.1	3754818.0	741.7	3.49	6.51	3.25
YES								
L0005360	0	0.99380E-07	498451.8	3754832.0	741.9	3.49	6.51	3.25
YES								
L0005361	0	0.99380E-07	498451.6	3754846.0	742.0	3.49	6.51	3.25
YES								
L0005362	0	0.99380E-07	498451.4	3754860.0	742.1	3.49	6.51	3.25
YES								
L0005363	0	0.13100E-06	500479.8	3754389.7	779.2	3.49	4.00	3.25
YES								
L0005364	0	0.13100E-06	500487.0	3754385.1	779.3	3.49	4.00	3.25
YES								
L0005365	0	0.13100E-06	500494.3	3754380.5	779.4	3.49	4.00	3.25
YES								
L0005366	0	0.13100E-06	500496.0	3754372.8	779.2	3.49	4.00	3.25
YES								
L0005367	0	0.13100E-06	500496.3	3754364.2	779.0	3.49	4.00	3.25
YES								
L0005368	0	0.13100E-06	500496.5	3754355.6	779.0	3.49	4.00	3.25
YES								
L0005369	0	0.13100E-06	500496.8	3754347.0	779.0	3.49	4.00	3.25

YES								
L0005370	0	0.13100E-06	500497.1	3754338.4	779.0	3.49	4.00	3.25
YES								
L0005371	0	0.13100E-06	500497.3	3754329.8	779.0	3.49	4.00	3.25
YES								
L0005372	0	0.13100E-06	500497.6	3754321.2	778.9	3.49	4.00	3.25
YES								

```

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 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE		NUMBER	EMISSION	RATE			BASE	RELEASE	INIT.	INIT.
SOURCE		URBAN	EMISSION	RATE						
ID		PART.	(GRAMS/SEC)		X	Y	ELEV.	HEIGHT	SY	SZ
(METERS)		SCALAR VARY			(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	
		CATS.	BY							

L0005373	0	0.13100E-06	500497.8	3754312.7	778.9	3.49	4.00	3.25		
YES										
L0005374	0	0.13100E-06	500498.1	3754304.1	778.9	3.49	4.00	3.25		
YES										
L0005375	0	0.13100E-06	500498.3	3754295.5	778.9	3.49	4.00	3.25		
YES										
L0005376	0	0.13100E-06	500498.6	3754286.9	778.9	3.49	4.00	3.25		
YES										
L0005377	0	0.13100E-06	500498.8	3754278.3	778.9	3.49	4.00	3.25		
YES										
L0005378	0	0.13100E-06	500499.1	3754269.7	779.0	3.49	4.00	3.25		
YES										
L0005379	0	0.13100E-06	500499.3	3754261.1	779.0	3.49	4.00	3.25		
YES										
L0005380	0	0.13100E-06	500499.6	3754252.6	779.0	3.49	4.00	3.25		
YES										
L0005381	0	0.13100E-06	500499.8	3754244.0	779.0	3.49	4.00	3.25		
YES										
L0005382	0	0.13100E-06	500500.1	3754235.4	779.0	3.49	4.00	3.25		
YES										
L0005383	0	0.13100E-06	500500.3	3754226.8	779.0	3.49	4.00	3.25		
YES										
L0005384	0	0.13100E-06	500500.6	3754218.2	779.0	3.49	4.00	3.25		
YES										
L0005385	0	0.13100E-06	500500.8	3754209.6	779.0	3.49	4.00	3.25		
YES										
L0005386	0	0.13100E-06	500501.1	3754201.0	779.0	3.49	4.00	3.25		
YES										
L0005387	0	0.13100E-06	500501.4	3754192.5	779.0	3.49	4.00	3.25		
YES										
L0005388	0	0.13100E-06	500501.6	3754183.9	779.0	3.49	4.00	3.25		
YES										
L0005389	0	0.13100E-06	500501.6	3754175.3	779.0	3.49	4.00	3.25		
YES										
L0005390	0	0.13100E-06	500501.5	3754166.7	779.0	3.49	4.00	3.25		
YES										
L0005391	0	0.13100E-06	500501.4	3754158.1	779.0	3.49	4.00	3.25		
YES										
L0005392	0	0.13100E-06	500501.3	3754149.5	779.0	3.49	4.00	3.25		

YES								
L0005393	0	0.13100E-06	500501.2	3754140.9	779.0	3.49	4.00	3.25
YES								
L0005394	0	0.13100E-06	500501.1	3754132.3	779.0	3.49	4.00	3.25
YES								
L0005395	0	0.13100E-06	500501.0	3754123.7	779.0	3.49	4.00	3.25
YES								
L0005396	0	0.13100E-06	500500.9	3754115.2	779.0	3.49	4.00	3.25
YES								
L0005397	0	0.13100E-06	500500.8	3754106.6	779.0	3.49	4.00	3.25
YES								
L0005398	0	0.13100E-06	500500.6	3754098.0	779.0	3.49	4.00	3.25
YES								
L0005399	0	0.13100E-06	500500.5	3754089.4	779.0	3.49	4.00	3.25
YES								
L0005400	0	0.13100E-06	500500.4	3754080.8	779.0	3.49	4.00	3.25
YES								
L0005401	0	0.13100E-06	500500.3	3754072.2	779.0	3.49	4.00	3.25
YES								
L0005402	0	0.13100E-06	500500.2	3754063.6	779.0	3.49	4.00	3.25
YES								
L0005403	0	0.13100E-06	500500.1	3754055.0	779.0	3.49	4.00	3.25
YES								
L0005404	0	0.13100E-06	500500.0	3754046.4	779.0	3.49	4.00	3.25
YES								
L0005405	0	0.13100E-06	500499.9	3754037.9	778.9	3.49	4.00	3.25
YES								
L0005406	0	0.13100E-06	500499.8	3754029.3	778.5	3.49	4.00	3.25
YES								
L0005407	0	0.13100E-06	500499.6	3754020.7	777.9	3.49	4.00	3.25
YES								
L0005408	0	0.13100E-06	500499.5	3754012.1	777.3	3.49	4.00	3.25
YES								
L0005409	0	0.13100E-06	500499.4	3754003.5	776.9	3.49	4.00	3.25
YES								
L0005410	0	0.13100E-06	500499.3	3753994.9	776.6	3.49	4.00	3.25
YES								
L0005411	0	0.17130E-05	500192.3	3754705.4	778.9	3.49	4.00	3.25
YES								
L0005412	0	0.17130E-05	500192.4	3754696.8	779.0	3.49	4.00	3.25
YES								

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION	RATE					
ID	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ
(METERS)	SCALAR VARY							
	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	
		BY						
L0005413	0	0.17130E-05	500192.4	3754688.3	778.9	3.49	4.00	3.25
YES								
L0005414	0	0.17130E-05	500192.5	3754679.7	778.8	3.49	4.00	3.25
YES								
L0005415	0	0.17130E-05	500192.6	3754671.1	778.8	3.49	4.00	3.25

YES								
L0005416	0	0.17130E-05	500192.7	3754662.5	778.8	3.49	4.00	3.25
YES								
L0005417	0	0.17130E-05	500192.8	3754653.9	778.8	3.49	4.00	3.25
YES								
L0005418	0	0.17130E-05	500192.8	3754645.3	778.9	3.49	4.00	3.25
YES								
L0005419	0	0.17130E-05	500192.9	3754636.7	779.0	3.49	4.00	3.25
YES								
L0005420	0	0.17130E-05	500193.0	3754628.1	779.2	3.49	4.00	3.25
YES								
L0005421	0	0.17130E-05	500193.1	3754619.5	779.4	3.49	4.00	3.25
YES								
L0005422	0	0.17130E-05	500193.1	3754611.0	779.6	3.49	4.00	3.25
YES								
L0005423	0	0.17130E-05	500193.2	3754602.4	779.8	3.49	4.00	3.25
YES								
L0005424	0	0.17130E-05	500193.3	3754593.8	779.8	3.49	4.00	3.25
YES								
L0005425	0	0.17130E-05	500193.4	3754585.2	779.8	3.49	4.00	3.25
YES								
L0005426	0	0.17130E-05	500193.5	3754576.6	779.8	3.49	4.00	3.25
YES								
L0005427	0	0.17130E-05	500193.5	3754568.0	779.6	3.49	4.00	3.25
YES								
L0005428	0	0.17130E-05	500193.6	3754559.4	779.3	3.49	4.00	3.25
YES								
L0005429	0	0.17130E-05	500193.7	3754550.8	779.1	3.49	4.00	3.25
YES								
L0005430	0	0.17130E-05	500193.8	3754542.2	778.7	3.49	4.00	3.25
YES								
L0005431	0	0.17130E-05	500193.8	3754533.6	777.9	3.49	4.00	3.25
YES								
L0005432	0	0.17130E-05	500193.9	3754525.1	777.2	3.49	4.00	3.25
YES								
L0005433	0	0.17130E-05	500194.0	3754516.5	776.5	3.49	4.00	3.25
YES								
L0005434	0	0.17130E-05	500194.1	3754507.9	775.8	3.49	4.00	3.25
YES								
L0005435	0	0.17130E-05	500194.2	3754499.3	775.2	3.49	4.00	3.25
YES								
L0005436	0	0.17130E-05	500194.2	3754490.7	774.5	3.49	4.00	3.25
YES								
L0005437	0	0.17130E-05	500194.3	3754482.1	774.2	3.49	4.00	3.25
YES								
L0005438	0	0.17130E-05	500418.9	3754704.1	781.1	3.49	4.00	3.25
YES								
L0005439	0	0.17130E-05	500418.9	3754695.5	781.3	3.49	4.00	3.25
YES								
L0005440	0	0.17130E-05	500419.0	3754686.9	781.3	3.49	4.00	3.25
YES								
L0005441	0	0.17130E-05	500419.0	3754678.3	781.3	3.49	4.00	3.25
YES								
L0005442	0	0.17130E-05	500419.1	3754669.7	781.3	3.49	4.00	3.25
YES								
L0005443	0	0.17130E-05	500419.2	3754661.1	781.3	3.49	4.00	3.25
YES								
L0005444	0	0.17130E-05	500419.2	3754652.5	781.3	3.49	4.00	3.25
YES								
L0005445	0	0.17130E-05	500419.3	3754643.9	781.3	3.49	4.00	3.25
YES								
L0005446	0	0.17130E-05	500419.4	3754635.3	781.3	3.49	4.00	3.25
YES								
L0005447	0	0.17130E-05	500419.4	3754626.8	781.2	3.49	4.00	3.25
YES								
L0005448	0	0.17130E-05	500419.5	3754618.2	781.1	3.49	4.00	3.25

YES
L0005449 0 0.17130E-05 500419.6 3754609.6 781.0 3.49 4.00 3.25
YES
L0005450 0 0.17130E-05 500419.6 3754601.0 780.8 3.49 4.00 3.25
YES
L0005451 0 0.17130E-05 500419.7 3754592.4 780.5 3.49 4.00 3.25
YES
L0005452 0 0.17130E-05 500419.8 3754583.8 780.3 3.49 4.00 3.25
YES
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER	EMISSION	RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION	RATE						
ID	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ	
(METERS)	SCALAR VARY		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	
	CATS.	BY							
L0005453	0	0.17130E-05	500419.8	3754575.2	780.0	3.49	4.00	3.25	
YES									
L0005454	0	0.17130E-05	500419.9	3754566.6	780.0	3.49	4.00	3.25	
YES									
L0005455	0	0.17130E-05	500420.0	3754558.0	780.0	3.49	4.00	3.25	
YES									
L0005456	0	0.17130E-05	500420.0	3754549.4	780.0	3.49	4.00	3.25	
YES									
L0005457	0	0.17130E-05	500420.1	3754540.9	779.9	3.49	4.00	3.25	
YES									
L0005458	0	0.17130E-05	500420.2	3754532.3	779.8	3.49	4.00	3.25	
YES									
L0005459	0	0.17130E-05	500420.2	3754523.7	779.8	3.49	4.00	3.25	
YES									
L0005460	0	0.17130E-05	500420.3	3754515.1	779.7	3.49	4.00	3.25	
YES									
L0005461	0	0.17130E-05	500420.3	3754506.5	779.5	3.49	4.00	3.25	
YES									
L0005462	0	0.17130E-05	500420.4	3754497.9	779.3	3.49	4.00	3.25	
YES									
L0005463	0	0.17130E-05	500420.5	3754489.3	779.1	3.49	4.00	3.25	
YES									
L0005464	0	0.17130E-05	500420.5	3754480.7	778.8	3.49	4.00	3.25	
YES									

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

ALL	L0004813	,	L0004814	,	L0004815	,	L0004816	,	L0004817	,	L0004818	,
L0004819	, L0004820	,										
	L0004821	,	L0004822	,	L0004823	,	L0004824	,	L0004825	,	L0004826	,
	L0004827	,	L0004828	,								
	L0004829	,	L0004830	,	L0004831	,	L0004832	,	L0004833	,	L0004834	,
	L0004835	,	L0004836	,								
	L0004837	,	L0004838	,	L0004839	,	L0004840	,	L0004841	,	L0004842	,
	L0004843	,	L0004844	,								
	L0004845	,	L0004846	,	L0004847	,	L0004848	,	L0004849	,	L0004850	,
	L0004851	,	L0004852	,								
	L0004853	,	L0004854	,	L0004855	,	L0004856	,	L0004857	,	L0004858	,
	L0004859	,	L0004860	,								
	L0004861	,	L0004862	,	L0004863	,	L0004864	,	L0004865	,	L0004866	,
	L0004867	,	L0004868	,								
	L0004869	,	L0004870	,	L0004871	,	L0004872	,	L0004873	,	L0004874	,
	L0004875	,	L0004876	,								
	L0004877	,	L0004878	,	L0004879	,	L0004880	,	L0004881	,	L0004882	,
	L0004883	,	L0004884	,								
	L0004885	,	L0004886	,	L0004887	,	L0004888	,	L0004889	,	L0004890	,
	L0004891	,	L0004892	,								
	L0004893	,	L0004894	,	L0004895	,	L0004896	,	L0004897	,	L0004898	,
	L0004899	,	L0004900	,								
	L0004901	,	L0004902	,	L0004903	,	L0004904	,	L0004905	,	L0004906	,
	L0004907	,	L0004908	,								
	L0004909	,	L0004910	,	L0004911	,	L0004912	,	L0004913	,	L0004914	,
	L0004915	,	L0004916	,								
	L0004917	,	L0004918	,	L0004919	,	L0004920	,	L0004921	,	L0004922	,
	L0004923	,	L0004924	,								
	L0004925	,	L0004926	,	L0004927	,	L0004928	,	L0004929	,	L0004930	,
	L0004931	,	L0004932	,								
	L0004933	,	L0004934	,	L0004935	,	L0004936	,	L0004937	,	L0004938	,
	L0004939	,	L0004940	,								
	L0004941	,	L0004942	,	L0004943	,	L0004944	,	L0004945	,	L0004946	,
	L0004947	,	L0004948	,								
	L0004949	,	L0004950	,	L0004951	,	L0004952	,	L0004953	,	L0004954	,
	L0004955	,	L0004956	,								
	L0004957	,	L0004958	,	L0004959	,	L0004960	,	L0004961	,	L0004962	,
	L0004963	,	L0004964	,								
	L0004965	,	L0004966	,	L0004967	,	L0004968	,	L0004969	,	L0004970	,
	L0004971	,	L0004972	,								


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SOURCE IDs

L0004973 L0004979	, L0004974 , L0004980	, L0004975 ,	, L0004976 ,	, L0004977 ,	, L0004978 ,	
L0004981 L0004987	, L0004982 , L0004988	, L0004983 ,	, L0004984 ,	, L0004985 ,	, L0004986 ,	
L0004989 L0004995	, L0004990 , L0004996	, L0004991 ,	, L0004992 ,	, L0004993 ,	, L0004994 ,	
L0004997 L0005003	, L0004998 , L0005004	, L0004999 ,	, L0005000 ,	, L0005001 ,	, L0005002 ,	
L0005005 L0005011	, L0005006 , L0005012	, L0005007 ,	, L0005008 ,	, L0005009 ,	, L0005010 ,	
L0005013 L0005019	, L0005014 , L0005020	, L0005015 ,	, L0005016 ,	, L0005017 ,	, L0005018 ,	
L0005021 L0005027	, L0005022 , L0005028	, L0005023 ,	, L0005024 ,	, L0005025 ,	, L0005026 ,	
L0005029 L0005035	, L0005030 , L0005036	, L0005031 ,	, L0005032 ,	, L0005033 ,	, L0005034 ,	
L0005037 L0005043	, L0005038 , L0005044	, L0005039 ,	, L0005040 ,	, L0005041 ,	, L0005042 ,	
L0005045 L0005051	, L0005046 , L0005052	, L0005047 ,	, L0005048 ,	, L0005049 ,	, L0005050 ,	
L0005053 L0005059	, L0005054 , L0005060	, L0005055 ,	, L0005056 ,	, L0005057 ,	, L0005058 ,	
L0005061 L0005067	, L0005062 , L0005068	, L0005063 ,	, L0005064 ,	, L0005065 ,	, L0005066 ,	
L0005069 L0005075	, L0005070 , L0005076	, L0005071 ,	, L0005072 ,	, L0005073 ,	, L0005074 ,	
L0005077 L0005083	, L0005078 , L0005084	, L0005079 ,	, L0005080 ,	, L0005081 ,	, L0005082 ,	
L0005085 L0005091	, L0005086 , L0005092	, L0005087 ,	, L0005088 ,	, L0005089 ,	, L0005090 ,	
L0005093 L0005099	, L0005094 , L0005100	, L0005095 ,	, L0005096 ,	, L0005097 ,	, L0005098 ,	
L0005101 L0005107	, L0005102 , L0005108	, L0005103 ,	, L0005104 ,	, L0005105 ,	, L0005106 ,	
L0005109 L0005115	, L0005110 , L0005116	, L0005111 ,	, L0005112 ,	, L0005113 ,	, L0005114 ,	
L0005117 L0005123	, L0005118 , L0005124	, L0005119 ,	, L0005120 ,	, L0005121 ,	, L0005122 ,	

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FF *** AERMOD - VERSION 21112 ***      *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op ***                    09/08/22
*** AERMET - VERSION 16216 ***
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***  MODELOPTs:      RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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L0005133 L0005139	, L0005134 , L0005140	, L0005135 ,	, L0005136	, L0005137	, L0005138	,
L0005141 L0005147	, L0005142 , L0005148	, L0005143 ,	, L0005144	, L0005145	, L0005146	,
L0005149 L0005155	, L0005150 , L0005156	, L0005151 ,	, L0005152	, L0005153	, L0005154	,
L0005157 L0005163	, L0005158 , L0005164	, L0005159 ,	, L0005160	, L0005161	, L0005162	,
L0005165 L0005171	, L0005166 , L0005172	, L0005167 ,	, L0005168	, L0005169	, L0005170	,
L0005173 L0005179	, L0005174 , L0005180	, L0005175 ,	, L0005176	, L0005177	, L0005178	,
L0005181 L0005187	, L0005182 , L0005188	, L0005183 ,	, L0005184	, L0005185	, L0005186	,
L0005189 L0005195	, L0005190 , L0005196	, L0005191 ,	, L0005192	, L0005193	, L0005194	,
L0005197 L0005203	, L0005198 , L0005204	, L0005199 ,	, L0005200	, L0005201	, L0005202	,
L0005205 L0005211	, L0005206 , L0005212	, L0005207 ,	, L0005208	, L0005209	, L0005210	,
L0005213 L0005219	, L0005214 , L0005220	, L0005215 ,	, L0005216	, L0005217	, L0005218	,
L0005221 L0005227	, L0005222 , L0005228	, L0005223 ,	, L0005224	, L0005225	, L0005226	,
L0005229 L0005235	, L0005230 , L0005236	, L0005231 ,	, L0005232	, L0005233	, L0005234	,
L0005237 L0005243	, L0005238 , L0005244	, L0005239 ,	, L0005240	, L0005241	, L0005242	,
L0005245 L0005251	, L0005246 , L0005252	, L0005247 ,	, L0005248	, L0005249	, L0005250	,
L0005253 L0005259	, L0005254 , L0005260	, L0005255 ,	, L0005256	, L0005257	, L0005258	,

L0005261	,	L0005262	,	L0005263	,	L0005264	,	L0005265	,	L0005266	,
L0005267	,	L0005268	,								
L0005269	,	L0005270	,	L0005271	,	L0005272	,	L0005273	,	L0005274	,
L0005275	,	L0005276	,								
L0005277	,	L0005278	,	L0005279	,	L0005280	,	L0005281	,	L0005282	,
L0005283	,	L0005284	,								
L0005285	,	L0005286	,	L0005287	,	L0005288	,	L0005289	,	L0005290	,
L0005291	,	L0005292	,								

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*** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

L0005293	,	L0005294	,	L0005295	,	L0005296	,	L0005297	,	L0005298	,
L0005299	,	L0005300	,								
L0005301	,	L0005302	,	L0005303	,	L0005304	,	L0005305	,	L0005306	,
L0005307	,	L0005308	,								
L0005309	,	L0005310	,	L0005311	,	L0005312	,	L0005313	,	L0005314	,
L0005315	,	L0005316	,								
L0005317	,	L0005318	,	L0005319	,	L0005320	,	L0005321	,	L0005322	,
L0005323	,	L0005324	,								
L0005325	,	L0005326	,	L0005327	,	L0005328	,	L0005329	,	L0005330	,
L0005331	,	L0005332	,								
L0005333	,	L0005334	,	L0005335	,	L0005336	,	L0005337	,	L0005338	,
L0005339	,	L0005340	,								
L0005341	,	L0005342	,	L0005343	,	L0005344	,	L0005345	,	L0005346	,
L0005347	,	L0005348	,								
L0005349	,	L0005350	,	L0005351	,	L0005352	,	L0005353	,	L0005354	,
L0005355	,	L0005356	,								
L0005357	,	L0005358	,	L0005359	,	L0005360	,	L0005361	,	L0005362	,
L0005363	,	L0005364	,								
L0005365	,	L0005366	,	L0005367	,	L0005368	,	L0005369	,	L0005370	,
L0005371	,	L0005372	,								
L0005373	,	L0005374	,	L0005375	,	L0005376	,	L0005377	,	L0005378	,
L0005379	,	L0005380	,								
L0005381	,	L0005382	,	L0005383	,	L0005384	,	L0005385	,	L0005386	,
L0005387	,	L0005388	,								
L0005389	,	L0005390	,	L0005391	,	L0005392	,	L0005393	,	L0005394	,
L0005395	,	L0005396	,								
L0005397	,	L0005398	,	L0005399	,	L0005400	,	L0005401	,	L0005402	,


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L0005403      , L0005404      ,
L0005405      , L0005406      , L0005407      , L0005408      , L0005409      , L0005410      ,
L0005411      , L0005412      ,
L0005413      , L0005414      , L0005415      , L0005416      , L0005417      , L0005418      ,
L0005419      , L0005420      ,
L0005421      , L0005422      , L0005423      , L0005424      , L0005425      , L0005426      ,
L0005427      , L0005428      ,
L0005429      , L0005430      , L0005431      , L0005432      , L0005433      , L0005434      ,
L0005435      , L0005436      ,
L0005437      , L0005438      , L0005439      , L0005440      , L0005441      , L0005442      ,
L0005443      , L0005444      ,
L0005445      , L0005446      , L0005447      , L0005448      , L0005449      , L0005450      ,
L0005451      , L0005452      ,

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FF *** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

```

L0005453      , L0005454      , L0005455      , L0005456      , L0005457      , L0005458      ,
L0005459      , L0005460      ,
L0005461      , L0005462      , L0005463      , L0005464      ,

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FF *** AERMOD - VERSION 21112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14410 Beaumont
Dowling\14410 Op *** 09/08/22
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID URBAN POP

SOURCE IDs

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L0004820      , 2189641. L0004813 , L0004814 , L0004815 , L0004816 , L0004817 ,
L0004818      , L0004819 ,
L0004821      , L0004822 , L0004823 , L0004824 , L0004825 , L0004826 ,
L0004827      , L0004828 ,
L0004829      , L0004830 , L0004831 , L0004832 , L0004833 , L0004834 ,
L0004835      , L0004836 ,
L0004837      , L0004838 , L0004839 , L0004840 , L0004841 , L0004842 ,
L0004843      , L0004844 ,

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L0004845	,	L0004846	,	L0004847	,	L0004848	,	L0004849	,	L0004850	,
L0004851	,	L0004852	,								
L0004853	,	L0004854	,	L0004855	,	L0004856	,	L0004857	,	L0004858	,
L0004859	,	L0004860	,								
L0004861	,	L0004862	,	L0004863	,	L0004864	,	L0004865	,	L0004866	,
L0004867	,	L0004868	,								
L0004869	,	L0004870	,	L0004871	,	L0004872	,	L0004873	,	L0004874	,
L0004875	,	L0004876	,								
L0004877	,	L0004878	,	L0004879	,	L0004880	,	L0004881	,	L0004882	,
L0004883	,	L0004884	,								
L0004885	,	L0004886	,	L0004887	,	L0004888	,	L0004889	,	L0004890	,
L0004891	,	L0004892	,								
L0004893	,	L0004894	,	L0004895	,	L0004896	,	L0004897	,	L0004898	,
L0004899	,	L0004900	,								
L0004901	,	L0004902	,	L0004903	,	L0004904	,	L0004905	,	L0004906	,
L0004907	,	L0004908	,								
L0004909	,	L0004910	,	L0004911	,	L0004912	,	L0004913	,	L0004914	,
L0004915	,	L0004916	,								
L0004917	,	L0004918	,	L0004919	,	L0004920	,	L0004921	,	L0004922	,
L0004923	,	L0004924	,								
L0004925	,	L0004926	,	L0004927	,	L0004928	,	L0004929	,	L0004930	,
L0004931	,	L0004932	,								
L0004933	,	L0004934	,	L0004935	,	L0004936	,	L0004937	,	L0004938	,
L0004939	,	L0004940	,								
L0004941	,	L0004942	,	L0004943	,	L0004944	,	L0004945	,	L0004946	,
L0004947	,	L0004948	,								
L0004949	,	L0004950	,	L0004951	,	L0004952	,	L0004953	,	L0004954	,
L0004955	,	L0004956	,								
L0004957	,	L0004958	,	L0004959	,	L0004960	,	L0004961	,	L0004962	,
L0004963	,	L0004964	,								
L0004965	,	L0004966	,	L0004967	,	L0004968	,	L0004969	,	L0004970	,
L0004971	,	L0004972	,								

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----
L0004973	,	L0004974 , L0004975 , L0004976 , L0004977 , L0004978 ,
L0004979	,	L0004980 ,
L0004981	,	L0004982 , L0004983 , L0004984 , L0004985 , L0004986 ,

L0004987	,	L0004988	,				
L0004989	,	L0004990	,	L0004991	,	L0004992	,
L0004995	,	L0004996	,				
L0004997	,	L0004998	,	L0004999	,	L0005000	,
L0005003	,	L0005004	,				
L0005005	,	L0005006	,	L0005007	,	L0005008	,
L0005011	,	L0005012	,				
L0005013	,	L0005014	,	L0005015	,	L0005016	,
L0005019	,	L0005020	,				
L0005021	,	L0005022	,	L0005023	,	L0005024	,
L0005027	,	L0005028	,				
L0005029	,	L0005030	,	L0005031	,	L0005032	,
L0005035	,	L0005036	,				
L0005037	,	L0005038	,	L0005039	,	L0005040	,
L0005043	,	L0005044	,				
L0005045	,	L0005046	,	L0005047	,	L0005048	,
L0005051	,	L0005052	,				
L0005053	,	L0005054	,	L0005055	,	L0005056	,
L0005059	,	L0005060	,				
L0005061	,	L0005062	,	L0005063	,	L0005064	,
L0005067	,	L0005068	,				
L0005069	,	L0005070	,	L0005071	,	L0005072	,
L0005075	,	L0005076	,				
L0005077	,	L0005078	,	L0005079	,	L0005080	,
L0005083	,	L0005084	,				
L0005085	,	L0005086	,	L0005087	,	L0005088	,
L0005091	,	L0005092	,				
L0005093	,	L0005094	,	L0005095	,	L0005096	,
L0005099	,	L0005100	,				
L0005101	,	L0005102	,	L0005103	,	L0005104	,
L0005107	,	L0005108	,				
L0005109	,	L0005110	,	L0005111	,	L0005112	,
L0005115	,	L0005116	,				
L0005117	,	L0005118	,	L0005119	,	L0005120	,
L0005123	,	L0005124	,				
L0005125	,	L0005126	,	L0005127	,	L0005128	,
L0005131	,	L0005132	,				

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID -----	URBAN POP -----		SOURCE IDs -----						
	L0005133 L0005139	, ,	L0005134 L0005140	, ,	L0005135 ,	, ,	L0005136 ,	L0005137 ,	L0005138 ,
	L0005141 L0005147	, ,	L0005142 L0005148	, ,	L0005143 ,	, ,	L0005144 ,	L0005145 ,	L0005146 ,
	L0005149 L0005155	, ,	L0005150 L0005156	, ,	L0005151 ,	, ,	L0005152 ,	L0005153 ,	L0005154 ,
	L0005157 L0005163	, ,	L0005158 L0005164	, ,	L0005159 ,	, ,	L0005160 ,	L0005161 ,	L0005162 ,
	L0005165 L0005171	, ,	L0005166 L0005172	, ,	L0005167 ,	, ,	L0005168 ,	L0005169 ,	L0005170 ,
	L0005173 L0005179	, ,	L0005174 L0005180	, ,	L0005175 ,	, ,	L0005176 ,	L0005177 ,	L0005178 ,
	L0005181 L0005187	, ,	L0005182 L0005188	, ,	L0005183 ,	, ,	L0005184 ,	L0005185 ,	L0005186 ,
	L0005189 L0005195	, ,	L0005190 L0005196	, ,	L0005191 ,	, ,	L0005192 ,	L0005193 ,	L0005194 ,
	L0005197 L0005203	, ,	L0005198 L0005204	, ,	L0005199 ,	, ,	L0005200 ,	L0005201 ,	L0005202 ,
	L0005205 L0005211	, ,	L0005206 L0005212	, ,	L0005207 ,	, ,	L0005208 ,	L0005209 ,	L0005210 ,
	L0005213 L0005219	, ,	L0005214 L0005220	, ,	L0005215 ,	, ,	L0005216 ,	L0005217 ,	L0005218 ,
	L0005221 L0005227	, ,	L0005222 L0005228	, ,	L0005223 ,	, ,	L0005224 ,	L0005225 ,	L0005226 ,
	L0005229 L0005235	, ,	L0005230 L0005236	, ,	L0005231 ,	, ,	L0005232 ,	L0005233 ,	L0005234 ,
	L0005237 L0005243	, ,	L0005238 L0005244	, ,	L0005239 ,	, ,	L0005240 ,	L0005241 ,	L0005242 ,
	L0005245 L0005251	, ,	L0005246 L0005252	, ,	L0005247 ,	, ,	L0005248 ,	L0005249 ,	L0005250 ,
	L0005253 L0005259	, ,	L0005254 L0005260	, ,	L0005255 ,	, ,	L0005256 ,	L0005257 ,	L0005258 ,
	L0005261 L0005267	, ,	L0005262 L0005268	, ,	L0005263 ,	, ,	L0005264 ,	L0005265 ,	L0005266 ,
	L0005269 L0005275	, ,	L0005270 L0005276	, ,	L0005271 ,	, ,	L0005272 ,	L0005273 ,	L0005274 ,
	L0005277 L0005283	, ,	L0005278 L0005284	, ,	L0005279 ,	, ,	L0005280 ,	L0005281 ,	L0005282 ,
	L0005285 L0005291	, ,	L0005286 L0005292	, ,	L0005287 ,	, ,	L0005288 ,	L0005289 ,	L0005290 ,

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----
L0005293	, L0005294	, L0005295
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L0005307	, L0005308	, L0005304
		, L0005305
		, L0005306
		, L0005307
L0005309	, L0005310	, L0005311
L0005315	, L0005316	, L0005312
		, L0005313
		, L0005314
		, L0005315
L0005317	, L0005318	, L0005319
L0005323	, L0005324	, L0005320
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		, L0005322
		, L0005323
L0005325	, L0005326	, L0005327
L0005331	, L0005332	, L0005328
		, L0005329
		, L0005330
		, L0005331
L0005333	, L0005334	, L0005335
L0005339	, L0005340	, L0005336
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		, L0005338
		, L0005339
L0005341	, L0005342	, L0005343
L0005347	, L0005348	, L0005344
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L0005349	, L0005350	, L0005351
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L0005363	, L0005364	, L0005360
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L0005365	, L0005366	, L0005367
L0005371	, L0005372	, L0005368
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L0005373	, L0005374	, L0005375
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L0005381	, L0005382	, L0005383
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L0005389	, L0005390	, L0005391
L0005395	, L0005396	, L0005392
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L0005397	, L0005398	, L0005399
L0005403	, L0005404	, L0005400
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		, L0005402
		, L0005403
L0005405	, L0005406	, L0005407
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		, L0005410
		, L0005411
L0005413	, L0005414	, L0005415
L0005419	, L0005420	, L0005416
		, L0005417
		, L0005418
		, L0005419
L0005421	, L0005422	, L0005423
L0005427	, L0005428	, L0005424
		, L0005425
		, L0005426
		, L0005427
L0005429	, L0005430	, L0005431
L0005435	, L0005436	, L0005432
		, L0005433
		, L0005434
		, L0005435

L0005437 , L0005438 , L0005439 , L0005440 , L0005441 , L0005442 ,
L0005443 , L0005444 ,

L0005445 , L0005446 , L0005447 , L0005448 , L0005449 , L0005450 ,
L0005451 , L0005452 ,

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
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L0005453 , L0005454 , L0005455 , L0005456 , L0005457 , L0005458 ,
L0005459 , L0005460 ,

L0005461 , L0005462 , L0005463 , L0005464 ,

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(500554.6, 3754323.3, 780.0,	780.0,	0.0);	(500556.6, 3754410.7,
780.4, 780.4, 0.0);			
(500557.3, 3754522.4, 780.2,	780.2,	0.0);	(500558.0, 3754617.8,
782.0, 782.0, 0.0);			
(500444.2, 3754297.6, 778.0,	778.0,	0.0);	(500388.1, 3754298.3,
776.2, 776.2, 0.0);			
(500452.4, 3754021.4, 775.9,	775.9,	0.0);	(500886.3, 3754374.1,
774.5, 782.0, 0.0);			
(501084.0, 3754379.5, 778.2,	778.2,	0.0);	(501013.6, 3754294.9,
778.0, 778.0, 0.0);			
(500006.2, 3754662.5, 774.4,	774.4,	0.0);	(500000.1, 3754482.4,
774.2, 774.2, 0.0);			
(499973.3, 3754829.3, 772.3,	772.3,	0.0);	(500446.4, 3754903.2,
771.1, 776.0, 0.0);			
(500504.1, 3755148.7, 775.9,	775.9,	0.0);	(500531.0, 3755126.6,
774.3, 774.3, 0.0);			
(500575.1, 3755089.9, 774.6,	774.6,	0.0);	(500603.1, 3755064.1,
775.4, 775.4, 0.0);			
(500640.2, 3755030.8, 776.8,	776.8,	0.0);	(500664.9, 3755005.8,
776.8, 776.8, 0.0);			
(500711.2, 3754973.9, 777.7,	777.7,	0.0);	(500749.8, 3754946.4,
778.1, 778.1, 0.0);			
(500791.8, 3754922.7, 778.4,	778.4,	0.0);	(500820.4, 3754899.4,
778.5, 778.5, 0.0);			
(500862.5, 3754875.7, 779.0,	779.0,	0.0);	(500896.8, 3754859.8,
779.2, 779.2, 0.0);			
(500941.7, 3754840.0, 780.0,	780.0,	0.0);	(500975.6, 3754824.1,
780.8, 780.8, 0.0);			
(501025.4, 3754801.5, 781.0,	781.0,	0.0);	(501083.8, 3754779.9,
781.9, 781.9, 0.0);			

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Dowling\14410 Op ***                09/08/22
*** AERMET - VERSION 16216 ***
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*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

[illegible]

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

```

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES
***
                                (METERS/SEC)

```


11	01	01	1	18	-32.7	0.340	-9.000	-9.000	-999.	489.	127.2	0.15	4.23	1.00	3.60
100.			9.1	274.9	5.5										
11	01	01	1	19	-24.4	0.252	-9.000	-9.000	-999.	308.	69.8	0.15	4.23	1.00	2.70
70.			9.1	273.1	5.5										
11	01	01	1	20	-28.2	0.291	-9.000	-9.000	-999.	377.	93.1	0.15	4.23	1.00	3.10
85.			9.1	273.1	5.5										
11	01	01	1	21	-28.2	0.291	-9.000	-9.000	-999.	377.	93.1	0.15	4.23	1.00	3.10
82.			9.1	273.1	5.5										
11	01	01	1	22	-24.5	0.252	-9.000	-9.000	-999.	304.	69.8	0.15	4.23	1.00	2.70
64.			9.1	272.5	5.5										
11	01	01	1	23	-24.5	0.252	-9.000	-9.000	-999.	304.	69.8	0.15	4.23	1.00	2.70
61.			9.1	272.5	5.5										
11	01	01	1	24	-24.5	0.252	-9.000	-9.000	-999.	304.	69.8	0.15	4.23	1.00	2.70
76.			9.1	272.5	5.5										

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
11	01	01	01	5.5	0	-999.	-99.00	274.3	99.0	-99.00	-99.00
11	01	01	01	9.1	1	108.	5.40	-999.0	99.0	-99.00	-99.00

F indicates top of profile (=1) or below (=0)

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S):		L0004813		L0004814	
L0004815		L0004816		L0004817	
L0004818	, L0004819	, L0004820	, L0004821	, L0004822	, L0004823
L0004823	, L0004824	, L0004825	, L0004826	, L0004827	, L0004828
L0004826	, L0004827	, L0004828	, L0004829	, L0004830	, L0004831
L0004831	, L0004832	, L0004833	, L0004834	, L0004835	, L0004836
L0004834	, L0004835	, L0004836	, L0004837	, L0004838	, L0004839
L0004839	, L0004840	, . . .			

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)
500554.60	3754323.34	0.00174	500556.63	
3754410.67	0.00307			
500557.31	3754522.38	0.00454	500557.99	
3754617.83	0.00494			
500444.25	3754297.61	0.00146	500388.06	
3754298.29	0.00142			
500452.38	3754021.40	0.00078	500886.33	
3754374.11	0.00096			
501084.01	3754379.53	0.00078	501013.61	
3754294.91	0.00071			
500006.24	3754662.51	0.00124	500000.14	
3754482.43	0.00125			
499973.28	3754829.30	0.00059	500446.44	
3754903.20	0.00072			
500504.10	3755148.67	0.00024	500530.97	
3755126.64	0.00026			

500575.15	3755089.88	0.00030	500603.07
3755064.08	0.00033		
500640.19	3755030.85	0.00038	500664.93
3755005.76	0.00044		
500711.23	3754973.95	0.00052	500749.75
3754946.38	0.00061		
500791.82	3754922.70	0.00068	500820.44
3754899.37	0.00075		
500862.50	3754875.69	0.00080	500896.79
3754859.79	0.00083		
500941.68	3754839.99	0.00084	500975.61
3754824.09	0.00084		
501025.44	3754801.47	0.00084	501083.76
3754779.91	0.00081		
501118.75	3754761.53	0.00079	501141.73
3754750.57	0.00078		
501165.05	3754738.91	0.00077	501192.27
3754733.61	0.00074		
501216.30	3754735.02	0.00072	501239.99
3754734.31	0.00070		
501301.13	3754707.80	0.00069	501331.88
3754683.06	0.00069		
501347.08	3754684.12	0.00069	501372.17
3754683.06	0.00068		
501397.62	3754684.12	0.00066	501413.88
3754682.00	0.00068		
501442.16	3754678.47	0.00067	501339.30
3754636.05	0.00072		
501371.47	3754616.26	0.00072	501384.19
3754554.05	0.00078		
501221.96	3754446.25	0.00093	501278.16
3754384.75	0.00081		
501160.46	3754265.64	0.00093	501101.79
3754046.86	0.00098		
501100.73	3753964.86	0.00096	500493.86
3753958.50	0.00073		
500545.11	3753958.14	0.00086	500583.99
3753956.38	0.00091		
500231.73	3754177.54	0.00074	499973.43
3754319.99	0.00077		
499959.24	3754153.30	0.00053	499606.37
3754166.90	0.00038		
501144.33	3755069.56		
0.00035			

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Dowling\14410 Op ***                09/08/22
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***                                     *** 11:35:59

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*** MODELOPTs:      RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ  U*
```

*** THE SUMMARY OF MAXIMUM ANNUAL RESULTS AVERAGED OVER 5
YEARS ***

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** 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	0.00494 AT (	500557.99,	3754617.83,	781.97,
781.97,	0.00) DC				
	2ND HIGHEST VALUE IS	0.00454 AT (	500557.31,	3754522.38,	780.21,
	780.21, 0.00) DC				
	3RD HIGHEST VALUE IS	0.00307 AT (	500556.63,	3754410.67,	780.45,
	780.45, 0.00) DC				
	4TH HIGHEST VALUE IS	0.00174 AT (	500554.60,	3754323.34,	780.00,
	780.00, 0.00) DC				
	5TH HIGHEST VALUE IS	0.00146 AT (	500444.25,	3754297.61,	778.00,
	778.00, 0.00) DC				
	6TH HIGHEST VALUE IS	0.00142 AT (	500388.06,	3754298.29,	776.25,
	776.25, 0.00) DC				
	7TH HIGHEST VALUE IS	0.00125 AT (	500000.14,	3754482.43,	774.19,
	774.19, 0.00) DC				
	8TH HIGHEST VALUE IS	0.00124 AT (	500006.24,	3754662.51,	774.39,
	774.39, 0.00) DC				
	9TH HIGHEST VALUE IS	0.00098 AT (	501101.79,	3754046.86,	780.00,
	780.00, 0.00) DC				
	10TH HIGHEST VALUE IS	0.00096 AT (	500886.33,	3754374.11,	774.46,
	782.00, 0.00) DC				

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

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Dowling\14410 Op *** 09/08/22

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL 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 1311 Informational Message(s)

A Total of 43824 Hours Were Processed

A Total of 64 Calm Hours Identified

A Total of 1247 Missing Hours Identified (2.85 Percent)

***** FATAL ERROR MESSAGES *****
*** NONE ***

***** WARNING MESSAGES *****
ME W186 1589 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1589 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	CPF	DOSE	RISK	REL	RfD	RESP	CNS/PNS	CV/BL	IMMUN	KIDN	GI/LV	REPRO	EYES
					(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)
	0.00431	4.31E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	3.3E-06	5.9E-07	5.0E+00	1.4E-03	8.6E-04							
TOTAL					5.9E-07				8.6E-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									

0.59

** 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)	1.38
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	CPF	DOSE	RISK	REL	RfD	RESP	CNS/PNS	CV/BL	IMMUN	KIDN	GI/LV	REPRO	EYES	
					(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)	
	0.00084	8.40E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	4.6E-07	2.0E-07	5.0E+00	1.4E-03	1.7E-04								
TOTAL					2.0E-07				1.7E-04				0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

0.20

** 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	CPF	DOSE	RISK	REL	RfD	RESP	CNS/PNS	CV/BL	IMMUN	KIDN	GI/LV	REPRO	EYES	
					(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)	
	0.00084	8.40E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.1E-07	3.2E-08	5.0E+00	1.4E-03	1.7E-04								
TOTAL					3.2E-08				1.7E-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

0.03

- RESP
- Central/Peripheral Nervous System
- CNS/PNS
- Cardiovascular/Blood System
- CV/BL
- Immune System
- IMMUN
- Kidney
- KIDN
- Gastrointestinal System/Liver
- GI/LV
- Reproductive System (e.g. teratogenic and developmental effects)
- REPRO
- Eye irritation and/or other effects
- EYES

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) 0.82

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	CPF	DOSE	RISK	REL	RfD	RESP	CNS/PNS	CV/BL	IMMUN	KIDN	GI/LV	REPRO	EYES
					(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)
	0.00084	8.40E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.9E-07	9.3E-09	5.0E+00	1.4E-03	1.7E-04							
TOTAL					9.3E-09				1.7E-04 0.0E+00 0.0E+00 0.0E+00 0.0E+00 0.0E+00 0.0E+00 0.0E+00 0.0E+00									

** 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	CPF	DOSE	RISK	REL	RfD	RESP	CNS/PNS	CV/BL	IMMUN	KIDN	GI/LV	REPRO	EYES
					(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)
	0.00084	8.40E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	8.8E-07	2.2E-07	5.0E+00	1.4E-03	1.7E-04							
TOTAL					2.2E-07				1.7E-04 0.0E+00 0.0E+00 0.0E+00 0.0E+00 0.0E+00 0.0E+00 0.0E+00 0.0E+00									

** 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**									
					URF	CPF	DOSE	RISK	REL	RfD	RESP	CNS/PNS	CV/BL	IMMUN	KIDN	GI/LV	REPRO	EYES
	(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)
	0.00084	8.40E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	4.6E-07	2.1E-07	5.0E+00	1.4E-03	1.7E-04							
TOTAL					2.1E-07				1.7E-04 0.0E+00 0.0E+00 0.0E+00 0.0E+00 0.0E+00 0.0E+00 0.0E+00 0.0E+00									

** 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	CPF	DOSE	RISK	REL	RfD	RESP	CNS/PNS	CV/BL	IMMUN	KIDN	GI/LV	REPRO	EYES	
					(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)	
	0.00084	8.40E-07	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	2.1E-07	3.2E-08	5.0E+00	1.4E-03	1.7E-04								
TOTAL					3.2E-08				1.7E-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

0.03

- RESP
- Central/Peripheral Nervous System
- CNS/PNS
- Cardiovascular/Blood System
- CV/BL
- Immune System
- IMMUN
- Kidney
- KIDN
- Gastrointestinal System/Liver
- GI/LV
- Reproductive System (e.g. teratogenic and developmental effects)
- REPRO
- Eye irritation and/or other effects
- EYES

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) 0.47

Table 5
Quantification of Carcinogenic Risks and Noncarcinogenic Risks
25-Year Worker Exposure Scenario

	Source	Mass GLC		Weight Fraction	Contaminant	Carcinogenic Risk				Noncarcinogenic Hazards/ Toxicological Endpoints**									
		URF	CPF			DOSE	RISK	REL	RfD	RESP	CNS/PNS	CV/BL	IMMUN	KIDN	GI/LV	REPRO	EYES		
	(a)	(ug/m ³) (b)	(mg/m ³) (c)	(d)	(e)	(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	4.94E-03	4.94E-06	1.00E+00	Diesel Particulate	3.0E-04	1.1E+00	7.8E-07	2.9E-07	5.0E+00	1.4E-03	9.9E-04							
TOTAL									2.9E-07 0.29	9.9E-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
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

exposure frequency (days/year)	250
exposure duration (years)	25
inhalation rate (L/kg-day))	230
inhalation absorption factor	1
averaging time (years)	70

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