5th & Sterling

CONSTRUCTION AND OPERATIONAL HEALTH RISK ASSESSMENT

CITY OF SAN BERNARDINO

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TABLE OF CONTENTS

TABLE OF CONTENTS I
APPENDICES I
LIST OF EXHIBITS II
LIST OF TABLES II
LIST OF ABBREVIATED TERMS III
EXECUTIVE SUMMARY 1
1 INTRODUCTION 6
1.1 Site Location 7
1.2 Project Description 8
2 BACKGROUND 12
2.1 Background on Recommended Methodology 12
2.2 Construction Health Risk Assessment 12
2.3 Operational Health Risk Assessment 15
2.4 Exposure Quantification 22
2.5 Carcinogenic Chemical Risk 24
2.6 Non-carcinogenic Exposures 25
2.7 Potential Project DPM-Source Cancer and Non-Cancer Risks 26
3 REFERENCES 31
4 CERTIFICATIONS 33

APPENDICES

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

LIST OF EXHIBITS

EXHIBIT 1-A: LOCATION MAP 9
EXHIBIT 1-B: SITE PLAN 10
EXHIBIT 2-A: MODELED CONSTRUCTION EMISSION SOURCES 14
EXHIBIT 2-B: MODELED ON-SITE EMISSION SOURCES 19
EXHIBIT 2-C: MODELED OFF-SITE EMISSION SOURCES 20
EXHIBIT 2-D: RECEPTOR LOCATIONS 29

LIST OF TABLES

TABLE ES-1: SUMMARY OF CONSTRUCTION CANCER AND NON-CANCER RISKS 4
TABLE ES-2: SUMMARY OF OPERATIONAL CANCER AND NON-CANCER RISKS 4
TABLE ES-3: SUMMARY OF CONSTRUCTION AND OPERATIONAL CANCER AND NON-CANCER RISKS 5
TABLE 2-1: CONSTRUCTION DURATION 13
TABLE 2-2: CONSTRUCTION EQUIPMENT ASSUMPTIONS 13
TABLE 2-3: 2026 WEIGHTED AVERAGE DPM EMISSIONS FACTORS 16
TABLE 2-4: DPM EMISSIONS FROM PROJECT TRUCKS 21
TABLE 2-5: AERMOD MODEL PARAMETERS 22
TABLE 2-6: EXPOSURE ASSUMPTIONS FOR INDIVIDUAL CANCER RISK (CONSTRUCTION ACTIVITY) 23
TABLE 2-7: EXPOSURE ASSUMPTIONS FOR INDIVIDUAL CANCER RISK (30 YEAR RESIDENTIAL) 23
TABLE 2-8: EXPOSURE ASSUMPTIONS FOR INDIVIDUAL CANCER RISK (25 YEAR WORKER) 24
TABLE 2-9: EXPOSURE ASSUMPTIONS FOR INDIVIDUAL CANCER RISK (9 YEAR SCHOOL CHILD) 24

LIST OF ABBREVIATED TERMS

(1)	Reference
µg	Microgram
AERMOD	American Meteorological Society/Environmental Protection Agency Regulatory Model
AQMD	Air Quality Management District
ARB	Air Resources Board
ASF	Age Sensitivity Factor
CEQA	California Environmental Quality Act
CPF	Cancer Potency Factor
DPM	Diesel Particulate Matter
EMFAC	Emission Factor Model
EPA	Environmental Protection Agency
FAH	Fraction of Time at Home
HHD	Heavy Heavy-Duty
HI	Hazard Index
HRA	Health Risk Assessment
LHD	Light Heavy-Duty
MEIR	Maximally Exposed Individual Receptor
MEIW	Maximally Exposed Individual Worker
MEISC	Maximally Exposed Individual School Child
MHD	Medium Heavy-Duty
NAD	North American Datum
OEHHA	Office of Environmental Health Hazard Assessment
PDF	Project Design Feature
PM_{10}	Particulate Matter 10 microns in diameter or less
Project	5th & Sterling
REL	Reference Exposure Level
SCAQMD	South Coast Air Quality Management District
SRA	Source Receptor Area
TAC	Toxic Air Contaminant
TA	Traffic Analysis
TRU	Transport Refrigeration Unit
URF	Unit Risk Factor
UTM	Universal Transverse Mercator
VMT	Vehicle Miles Traveled

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EXECUTIVE SUMMARY

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

The results of this *5th & Sterling Construction and Operational Health Risk Assessment* (HRA) indicate that without the incorporation of project design features proposed by the applicant to reduce air pollutant emissions and increase construction efficiency of the project, SCAQMD thresholds would not be exceeded for construction operational health risks. With incorporation of the project design features, construction and operational health risks are further reduced resulting in a less than significant impact.

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

CONSTRUCTION IMPACTS

The land use with the greatest potential exposure to Project construction-source DPM emissions is Location R1 which is located approximately 123 feet west of the Project site at an existing residence located at 7926 Sterling Avenue. Since there are no private outdoor living areas (backyards) facing the Project site, R1 is placed at the building façade.

Without implementation of project design feature (PDF) AQ-1, at the maximally exposed individual receptor (MEIR), the maximum incremental cancer risk attributable to Project construction-source DPM emissions is estimated at 3.99 in one million, which is less than the South Coast Air Quality Management District (SCAQMD) significance threshold of 10 in one million. With implementation of PDF AQ-1, the maximum incremental cancer risk at the MEIR would be reduced to 0.51 in one million. At this same location, with and without implementation of PDF AQ-1, non-cancer risks were estimated to be ≤0.01, which would not exceed the applicable threshold of 1.0. Location R1 is the nearest receptor to the Project site and would experience the highest concentrations of DPM during Project construction due to its location and meteorological conditions at the site. Because all other modeled receptors would experience lower concentrations of DPM during Project construction, all other receptors in the vicinity of the Project would be exposed to less emissions and therefore less risk than the MEIR identified herein. As such, the Project will not cause a significant human health or cancer risk to adjacent land uses as a result of Project construction activity. All other receptors during construction activity would experience less risk than what is identified for this location.

OPERATIONAL IMPACTS

Residential Exposure Scenario:

The residential land use with the greatest potential exposure to Project operational-source DPM emissions is Location R1 which is located approximately 123 feet west of the Project site at an existing residence located at 7926 Sterling Avenue. R1 is placed in the private outdoor living area (backyard) facing the Project site.

Without implementation of project design feature (PDF) AQ-4, the maximum incremental cancer risk attributable to Project operational-source DPM emissions is estimated at 2.96 in one million, which would not exceed the SCAQMD's significance threshold of 10 in one million. Without implementation of project design feature (PDF) AQ-4, the maximum incremental cancer risk attributable to Project operational-source DPM emissions is estimated at 0.49 in one million, which would not exceed the SCAQMD's significance threshold of 10 in one million. At this same location, with and without implementation of PDF AQ-4, non-cancer risks were estimated to be ≤0.01, which would not exceed the applicable significance threshold of 1.0.

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

Worker Exposure Scenario[1]*:*

The worker receptor land use with the greatest potential exposure to Project operational -source DPM emissions is Location R7, which represents the potential worker receptor located approximately 170 feet south of the Project site.

The maximally exposed individual worker (MEIW) is the worker receptor location that would experience the highest modeled concentrations of DPM, and thus the highest risk. Without implementation of project design feature (PDF) AQ-4, the maximum incremental cancer risk impact is 0.75 in one million, which is less than the SCAQMD's threshold of 10 in one million. With implementation of project design feature (PDF) AQ-4, the maximum incremental cancer risk impact is 0.06 in one million, which is less than the SCAQMD's threshold of 10 in one million. At this same location, with and without implementation of PDF AQ-4, the maximum non-cancer risk was estimated to be ≤0.01, which would not exceed the applicable significance threshold of 1.0. Because all other modeled worker receptors would be exposed to lower concentrations of DPM, all other worker receptors in the vicinity of the Project would be exposed to less emissions and therefore less risk than the MEIW identified herein. As such, the Project will not cause a

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

significant human health or cancer risk to adjacent workers. The modeled receptors are illustrated on Exhibit 2-D.

School Child Exposure Scenario:

The nearest school is Indian Springs High School, located approximately 2,731 feet west of the Project site and represented by Location R8. Without implementation of project design feature (PDF) AQ-4, the maximally exposed individual school child (MEISC) cancer risk impact attributable to the Project is calculated to be 0.04 in one million, which is less than the significance threshold of 10 in one million. With implementation of project design feature (PDF) AQ-4, the maximally exposed individual school child (MEISC) cancer risk impact attributable to the Project is calculated to be 0.01 in one million, which is less than the significance threshold of 10 in one million At this same location, with and without implementation of PDF AQ-4, non-cancer risks attributable to the Project were calculated to be ≤0.01, which would not exceed the applicable significance threshold of 1.0. Because all other modeled school receptors would be exposed to lower concentrations of DPM, all other school receptors in the vicinity of the of the Project would be exposed to less emissions and therefore less risk than the MEISC identified herein. As such, the Project will not cause a significant human health or cancer risk to nearby school children.

CONSTRUCTION AND OPERATIONAL IMPACTS

This analysis considers a conservative scenario in which a child at a nearby residence is exposed to Project construction-related DPM emissions from birth for the expected 1.93 years of Project construction, and is then exposed to Project operational emissions for the remaining 28.07 years of the 30 year residential exposure scenario. It should be noted that in many cases the combined construction and operational risk is less than the operational risk alone due to varying DPM concentrations at receptors for the construction and operational phases of the Project, as well as the assumed exposure durations and scenarios, which place a greater emphasis on pollutant exposures that occur early in life.

The land use with the greatest potential exposure to Project construction-source and operational-source DPM emissions is Location R1. At the MEIR, without implementation of PDF AQ-1 and AQ-4, the maximum incremental cancer risk attributable to Project construction-source and operational-source DPM emissions is estimated at 5.55 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.

With implementation of PDF AQ-1 and AQ-4, the land use with the greatest potential exposure to Project construction-source and operational-source DPM emissions is Location R1. At the MEIR, with implementation of PDF AQ-1, the maximum incremental cancer risk is estimated at 0.77 in one million, and non-cancer risks are estimated to be ≤0.01. As such, the Project will not cause a significant human health or cancer risk to adjacent land uses as a result of Project construction and operational activity. All other receptors during construction and operational activity would experience less risk than what is identified for this location. The modeled receptors are illustrated on Exhibit 2-D.

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

Scenario	Time Period	Location	Maximum Lifetime Cancer Risk (Risk per Million)	Significance Threshold (Risk per Million)	Exceeds Significance Threshold
Without PDF AQ-1	1.93 Year Exposure	Maximum Exposed Sensitive Receptor (Location R1)	3.99	10	NO
With PDF AQ-1	1.93 Year Exposure	Maximum Exposed Sensitive Receptor (Location R1)	0.51	10	NO
Scenario	**Time Period**	**Location**	**Maximum Hazard Index**	**Significance Threshold**	**Exceeds Significance Threshold**
Without PDF AQ-1	Annual Average	Maximum Exposed Sensitive Receptor (Location R1)	≤0.01	1.0	NO
With PDF AQ-1	Annual Average	Maximum Exposed Sensitive Receptor (Location R1)	≤0.01	1.0	NO

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

Scenario	Time Period	Location	Maximum Lifetime Cancer Risk (Risk per Million)	Significance Threshold (Risk per Million)	Exceeds Significance Threshold
Without PDF AQ-4	30 Year Exposure	Maximum Exposed Sensitive Receptor (Location R1)	2.96	10	NO
Without PDF AQ-4	25 Year Exposure	Maximum Exposed Worker Receptor (Location R7)	0.75	10	NO
Without PDF AQ-4	9 Year Exposure	Maximum Exposed Individual School Child (Location R8)	0.04	10	NO
Scenario	**Time Period**	**Location**	**Maximum Hazard Index**	**Significance Threshold**	**Exceeds Significance Threshold**
Without PDF AQ-4	Annual Average	Maximum Exposed Sensitive Receptor (Location R1)	≤0.01	1.0	NO
Without PDF AQ-4	Annual Average	Maximum Exposed Worker Receptor (Location R7)	≤0.01	1.0	NO
Without PDF AQ-4	Annual Average	Maximum Exposed Individual School Child (Location R8)	≤0.01	1.0	NO

Scenario	Time Period	Location	Maximum Lifetime Cancer Risk (Risk per Million)	Significance Threshold (Risk per Million)	Exceeds Significance Threshold
With PDF AQ-4	30 Year Exposure	Maximum Exposed Sensitive Receptor (Location R1)	0.49	10	NO
With PDF AQ-4	25 Year Exposure	Maximum Exposed Worker Receptor (Location R7)	0.06	10	NO
With PDF AQ-4	9 Year Exposure	Maximum Exposed Individual School Child (Location R8)	0.01	10	NO
Scenario	**Time Period**	**Location**	**Maximum Hazard Index**	**Significance Threshold**	**Exceeds Significance Threshold**
With PDF AQ-4	Annual Average	Maximum Exposed Sensitive Receptor (Location R1)	≤0.01	1.0	NO
With PDF AQ-4	Annual Average	Maximum Exposed Worker Receptor (Location R7)	≤0.01	1.0	NO
With PDF AQ-4	Annual Average	Maximum Exposed Individual School Child (Location R8)	≤0.01	1.0	NO

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

Scenario	Time Period	Location	Maximum Lifetime Cancer Risk (Risk per Million)	Significance Threshold (Risk per Million)	Exceeds Significance Threshold
Without PDF AQ-1 & AQ-4	30 Year Exposure	Maximum Exposed Sensitive Receptor (Location R1)	5.55	10	NO
With PDF AQ-1& AQ-4	30 Year Exposure	Maximum Exposed Sensitive Receptor (Location R1)	2.07	10	NO
Scenario	**Time Period**	**Location**	**Maximum Hazard Index**	**Significance Threshold**	**Exceeds Significance Threshold**
Without PDF AQ-1 & AQ-4	Annual Average	Maximum Exposed Sensitive Receptor (Location R1)	≤0.01	1.0	NO
With PDF AQ-1 & AQ-4	Annual Average	Maximum Exposed Sensitive Receptor (Location R1)	≤0.01	1.0	NO

ES.3 PROJECT DESIGN FEATURES

The following project design features were identified in the *5th & Sterling Air Quality Impact Analysis* (*AQIA*) report (1). Although these measures are designed to reduce Project air quality emissions, they would also assist in the reduction of DPM emissions. Only PDF AQ-1 and AQ-4 have the potential to reduce DPM emissions and have been presented accordingly. Because these project design features are incorporated into the Project, they are not considered to be mitigation measures:

PDF AQ-1

The Project will implement a Construction Management Plan to ensure that off-road diesel construction equipment would meet at least CARB Tier 4 Interim emissions standards and shall ensure that all construction equipment is tuned and maintained in accordance with the manufacturer's specifications.

PDF AQ-4

As a condition of certificates of occupancy, all on-site outdoor cargo handling equipment (including yard trucks, hostlers, yard goats, pallet jacks, forklifts, and other on-site equipment) and all indoor cargo handling equipment shall be required to be powered by electricity.

1 INTRODUCTION

This HRA has been prepared in accordance with the document Health Risk Assessment Guidance for Analyzing Cancer Risk from Mobile Source Diesel Idling Emissions for CEQA Air Quality Analysis (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). A REL is a concentration at or below which health effects are not likely to occur. A hazard index less of than one (1.0) means that adverse health effects are not expected. In this HRA, non-carcinogenic exposures of less than 1.0 are considered less-than-significant. Both the cancer risk and non-carcinogenic risk thresholds are applied to the nearest sensitive receptors below.

1.1 SITE LOCATION

The proposed project is located on the northeast corner of Sterling Avenue and 5th Street in the City of San Bernardino as shown on Exhibit 1-A.

1.2 PROJECT DESCRIPTION

The Project consists of the development of a 557,000 square foot warehouse building, as shown on Exhibit 1-B. The anticipated Project opening year is 2026.

As summarized in the *5th & Sterling Traffic Analysis* prepared by Urban Crossroads, Inc., the Project is expected to generate a total of approximately 782 two-way trips per day which include 658 two-way passenger car trips per day and 124 two-way truck trips per day (4).

EXHIBIT 1-A: LOCATION MAP

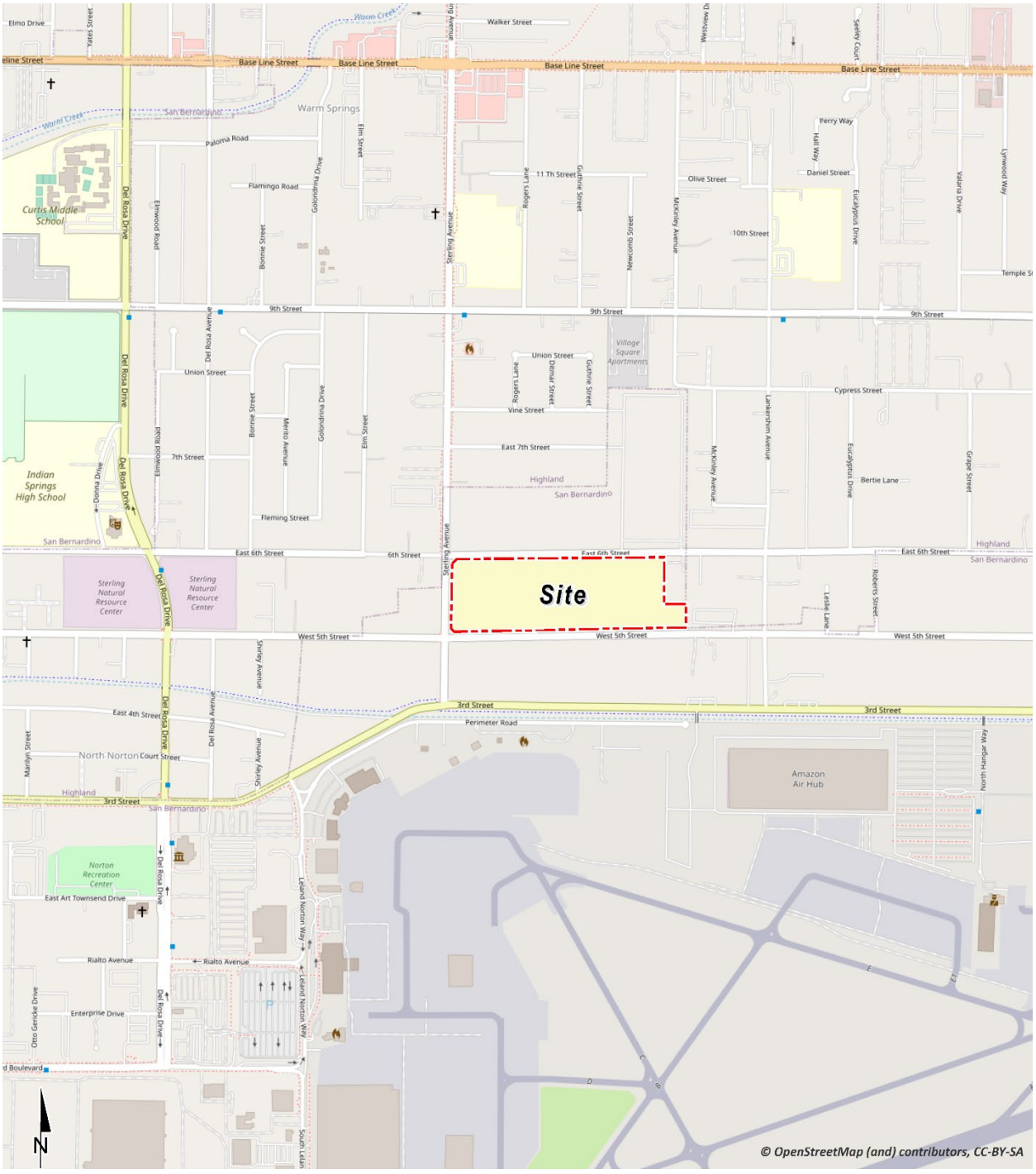
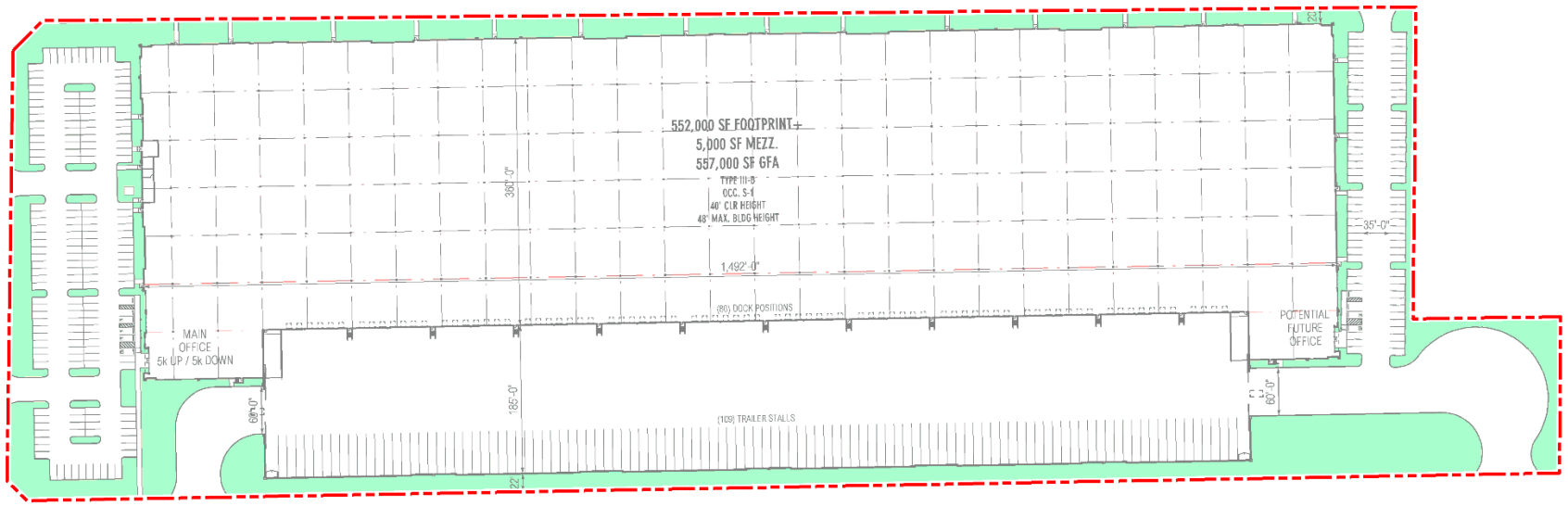


EXHIBIT 1-B: SITE PLAN



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2 BACKGROUND

2.1 BACKGROUND ON RECOMMENDED METHODOLOGY

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

- The ARB-adopted diesel exhaust Unit Risk Factor (URF) of 300 in one million per $\mu g/m^3$ is based upon the upper 95 percentile of estimated risk for each of the epidemiological studies utilized to develop the URF. Using the 95^{th} 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 *5th & Sterling Air Quality Impact Analysis* ("technical study") prepared by Urban Crossroads, Inc. (1).

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

As discussed in the technical study, the Project would result in approximately 505 total working-days of construction activity. The construction duration by phase is shown on Table 2-1. A detailed summary of construction equipment assumptions by phase is provided at Table 2-2. The CalEEMod emissions outputs are presented in Appendix 2.1. The modeled emission sources for construction activity are illustrated on Exhibit 2-A.

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

TABLE 2-1: CONSTRUCTION DURATION

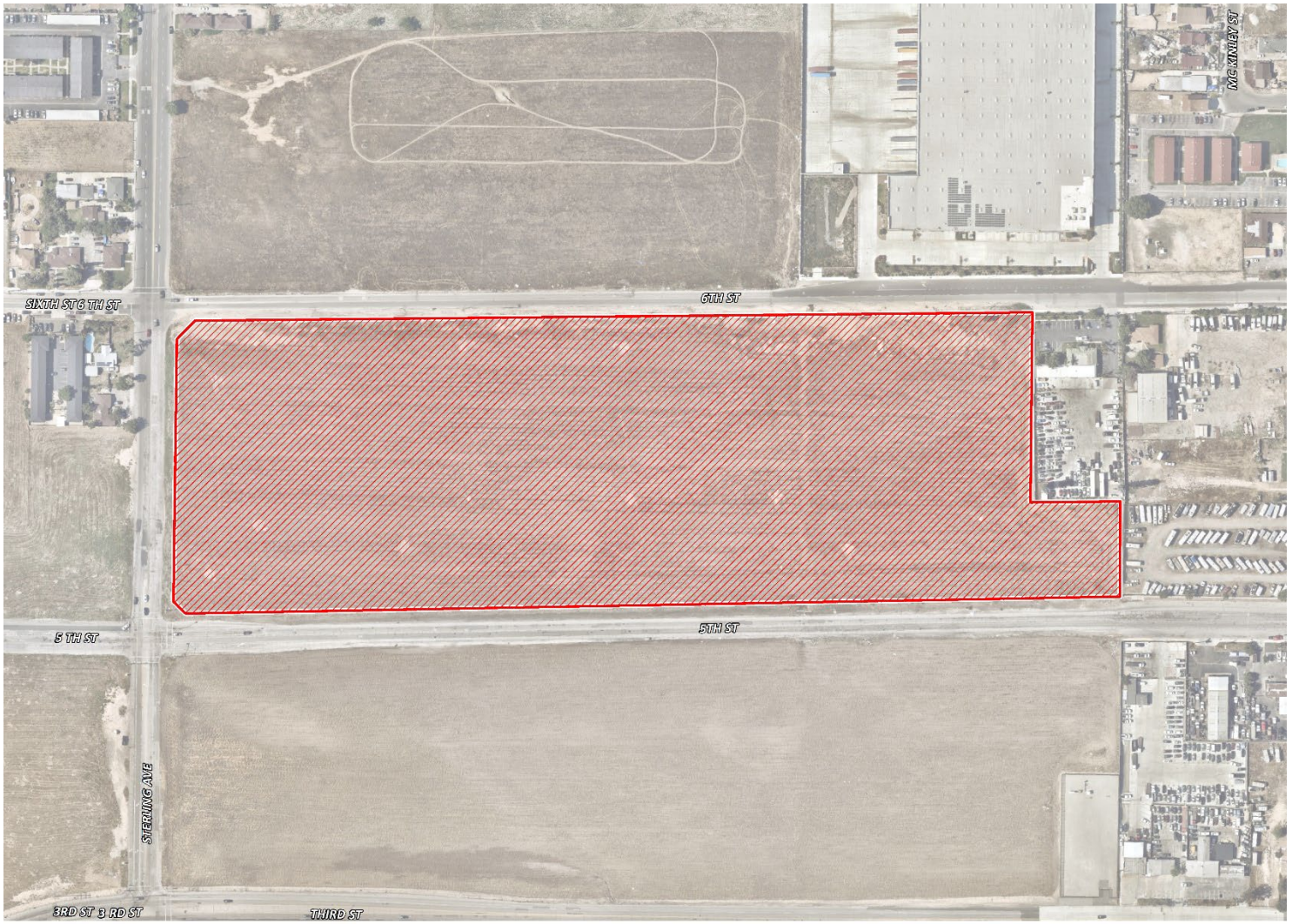
Construction Activity	Start Date[1]	End Date	Days
Site Preparation	12/1/2024	12/27/2024	20
Grading	12/30/2024	2/28/2025	45
Building Construction	3/3/2025	11/6/2026	440
Paving	9/21/2026	11/6/2026	35
Architectural Coating	9/21/2026	11/6/2026	35

[1] At the time the original modeling was prepared for this analysis, the start date was anticipated to be July 2024. Since that time the construction schedule has been revised and a new start date of December 2024 is anticipated. The underlying modeling which is based on the July 2024 start date is more conservative and is worst-case because overall construction equipment emissions are reduced over time as older pieces of construction equipment are phased out of fleets and replaced with newer, cleaner equipment.

TABLE 2-2: CONSTRUCTION EQUIPMENT ASSUMPTIONS

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

EXHIBIT 2-A: MODELED CONSTRUCTION EMISSION SOURCES



2.3 OPERATIONAL HEALTH RISK ASSESSMENT

2.3.1 ON-SITE AND OFF-SITE TRUCK ACTIVITY

Vehicle DPM emissions were calculated using emission factors for particulate matter less than 10µm in diameter (PM_{10}) generated with the 2021 version of the EMission FACtor model (EMFAC) developed by the CARB. EMFAC 2021 is a mathematical model that CARB developed to calculate emission rates from motor vehicles that operate on highways, freeways, and local roads in California and is commonly used by the ARB to project changes in future emissions from on-road mobile sources (6). The most recent version of this model, EMFAC 2021, incorporates regional motor vehicle data, information and estimates regarding the distribution of vehicle miles traveled (VMT) by speed, and number of starts per day.

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

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

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

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

Calculated emission factors are shown at Table 2-3. As a conservative measure, a 2026 EMFAC 2021 run was conducted and a static 2026 emissions factor data set was used for the entire duration of analysis herein (e.g., 30 years). Use of 2026 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 2026. Additionally, based on EMFAC 2021, Light-Heavy-Duty Trucks are comprised of 52.3% diesel, Medium-Heavy-Duty Trucks are comprised of 91.8% diesel, and Heavy-Heavy-Duty Trucks are comprised of 85.1% diesel. Trucks fueled by diesel are

accounted for by these percentages accordingly in the emissions factor generation. Appendix 2.2 includes additional details on the emissions estimates from EMFAC.

The vehicle DPM exhaust emissions were calculated for running exhaust emissions. The running exhaust emissions were calculated by applying the running exhaust PM_{10} emission factor (g/VMT) from EMFAC over the total distance traveled. The following equation was used to estimate off-site emissions for each of the different vehicle classes comprising the mobile sources (7):

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

Where:

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

Similar to off-site traffic, on-site vehicle running emissions were calculated by applying the running exhaust PM_{10} emission factor (g/VMT) from EMFAC and the total vehicle trip number over the length of the driving path using the same formula presented above for on-site emissions. In addition, on-site vehicle idling exhaust emissions were calculated by applying the idle exhaust PM_{10} emission factor (g/idle-hr) from EMFAC and the total truck trip over the total assumed idle time (15 minutes). The following equation was used to estimate the on-site vehicle idling emissions for each of the different vehicle classes (7):

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

Where:

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

TABLE 2-3: 2026 WEIGHTED AVERAGE DPM EMISSIONS FACTORS

Speed	Weighted Average
0 (idling)	0.07336 (g/idle-hr)
5	0.01763 (g/mile)
25	0.00754 (g/mile)

Each roadway was modeled as a line source (made up of multiple adjacent volume sources). Due to the large number of volume sources modeled for this analysis, the corresponding coordinates

of each volume source have not been included in this report but are included in Appendix 2.3. The DPM emission rate for each line volume source was calculated by multiplying the emission factor (based on the average travel speed along the roadway) by the number of trips and the distance traveled along each roadway segment, as illustrated on Table 2-4. In order to model idling emissions, line sources were modeled at the building loading docks and tractor trailer parking stalls. The modeled emission sources are illustrated on Exhibit 2-B for on-site sources and Exhibit 2-C for off-site sources. The modeling domain is limited to the Project's primary truck route and includes off-site sources in the study area for more than ¾ mile. This modeling domain is more inclusive and conservative than using only a ¼ mile modeling domain which is the distance supported by several reputable studies which conclude that the greatest potential risks occur within a ¼ mile of the primary source of emissions (8) (in the case of the Project, the primary source of emissions is the on-site idling and on-site travel).

On-site truck idling was estimated to occur as trucks enter and travel through the Project site, as well as in truck parking areas. Although the Project's diesel-fueled truck and equipment operators will be required by State law to comply with CARB's idling limit of 5 minutes, staff at SCAQMD recommends that the on-site idling emissions be calculated assuming 15 minutes of truck idling (9), which would take into account on-site idling which occurs while the trucks are waiting to pull up to the truck bays, idling at the bays, idling at check-in and check-out, etc. As such, this analysis calculates truck idling at 15 minutes, consistent with SCAQMD's recommendation.

As summarized in the *5th & Sterling Traffic Analysis* prepared by Urban Crossroads, Inc., the proposed Project is expected to generate a total of approximately 782 actual vehicular trip-ends per day (391 vehicles inbound + 391 vehicles outbound) which includes 658 passenger vehicle trips (329 passenger vehicles inbound + 329 passenger vehicles outbound) and 124 two-way truck trips (62 trucks inbound per day + 62 trucks outbound) per day (4).

2.3.2 ON-SITE CARGO HANDLING EQUIPMENT EMISSIONS

It is common for warehouse buildings to require the operation of exterior cargo handling equipment in the building's truck court areas. For this Project, it was assumed that a total of three pieces[3] of diesel-powered tractors/loaders/backhoes rated at 200 horsepower would operate 8 hours a day[4] for 365 days per year. On-site equipment was modeled as volume sources placed in the truck court area of each building, with a modeled release height of 5 meters and an initial lateral dimension of 1.4 meters.

2.3.3 EMERGENCY FIRE PUMPS

The proposed Project was conservatively assumed to include installation of a 300-horsepower diesel-powered emergency fire pump, which is estimated to operate for up to 1 hour per day, 1

[3] Based on SCAQMD's April 2021 Second Draft Report for Rule 2305, it is estimated that warehouses operate an average of 3.6 yard trucks per million square feet of warehouse space.

[4] Based on Table II-3, Port and Rail Cargo Handling Equipment Demographics by Type, from CARB's Technology Assessment: Mobile Cargo Handling Equipment document, a single piece of equipment could operate up to 2 hours per day (Total Average Annual Activity divided by Total Number Pieces of Equipment). As such, the analysis conservatively assumes that the tractor/loader/backhoe would operate up to 4 hours per day.

day per week for up to 50 hours per year for maintenance and testing purposes. Emissions associated with the emergency fire pump were calculated using CalEEMod and was modeled in AERMOD as point source. Because specific engine data is not known at this time, release parameters from the California Air Pollution Control Officers Association Facility Prioritization Guidelines were utilized (10).

EXHIBIT 2-B: MODELED ON-SITE EMISSION SOURCES

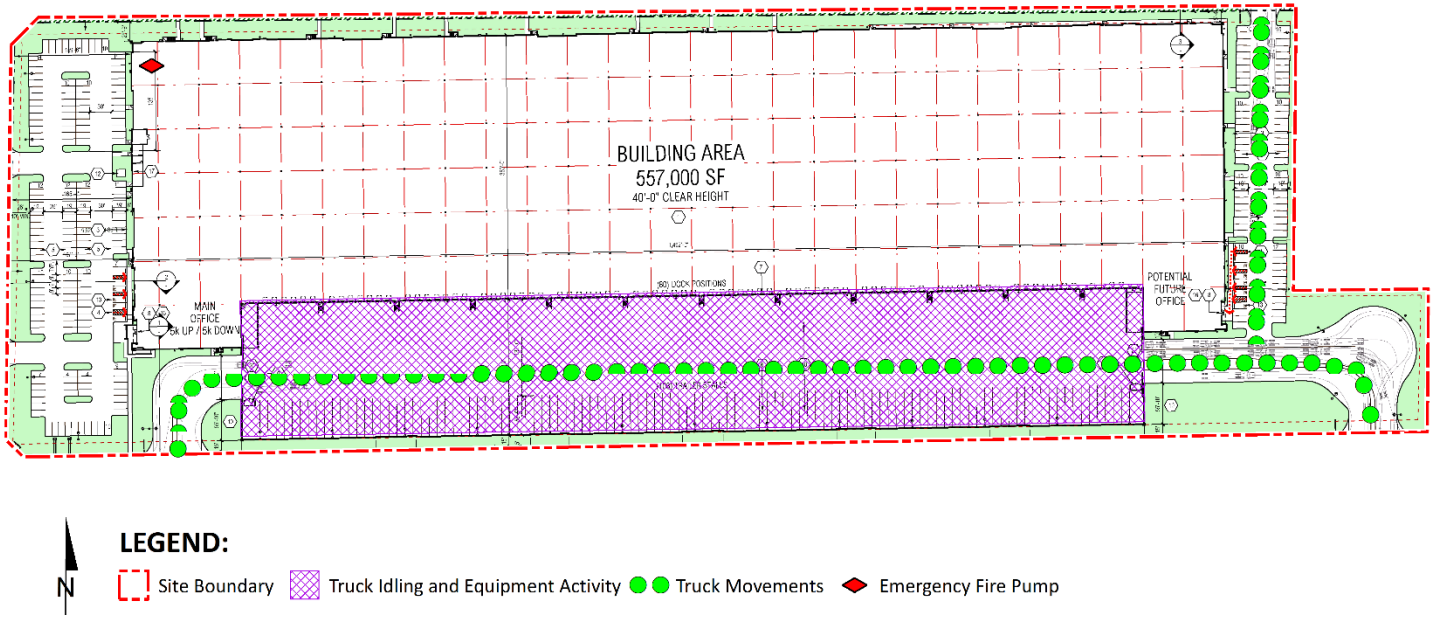


EXHIBIT 2-C: MODELED OFF-SITE EMISSION SOURCES

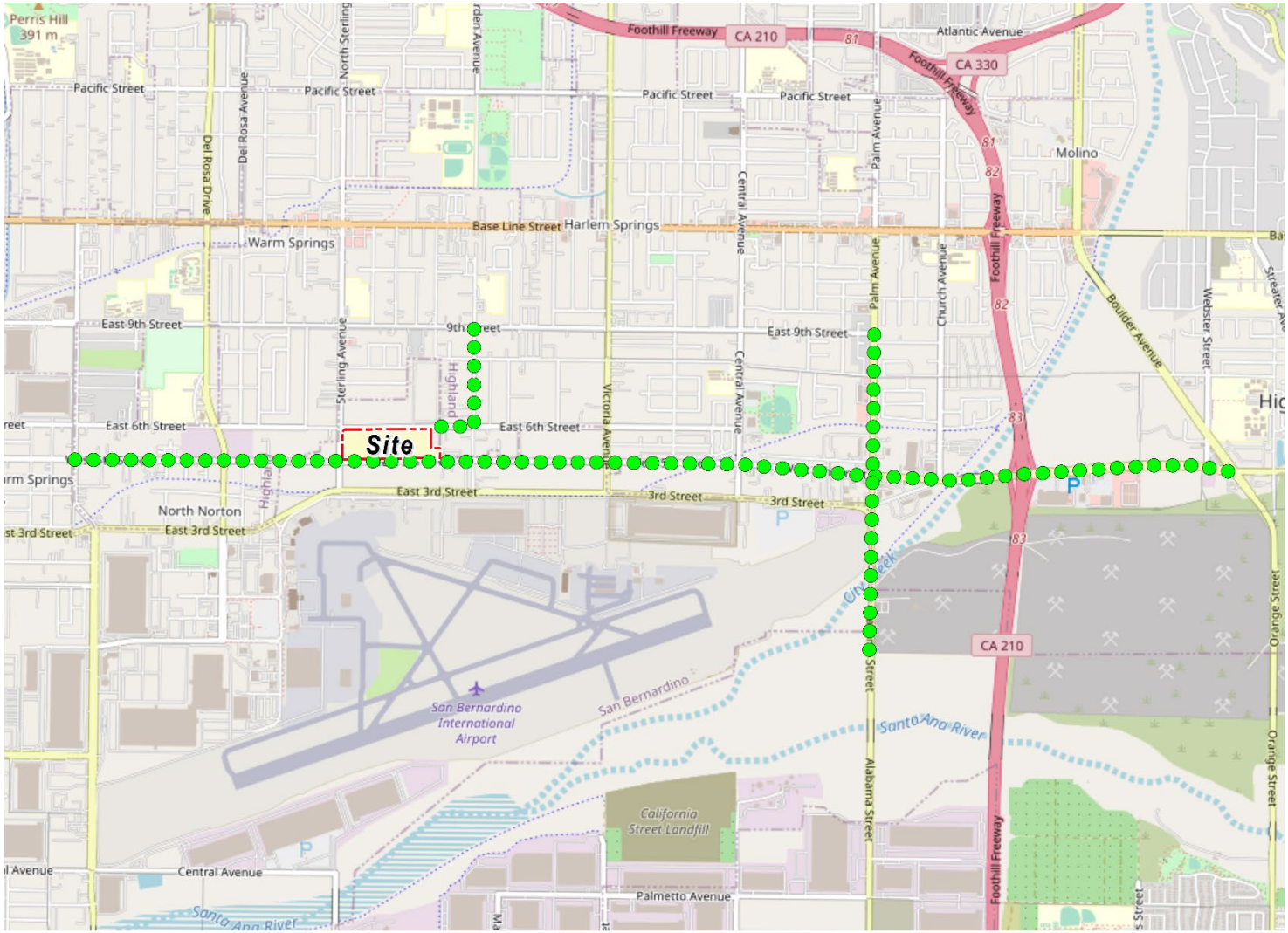


TABLE 2-4: DPM EMISSIONS FROM PROJECT TRUCKS

Truck Emission Rates						
Source	Trucks Per Day	VMT [a] (miles/day)	Truck Emission Rate [b] (grams/mile)	Truck Emission Rate [b] (grams/idle-hour)	Daily Truck Emissions [c] (grams/day)	Modeled Emission Rates (g/second)
On-Site Idling - Loading Docks	62			0.0734	1.14	1.316E-05
On-Site Idling - Parking Area	62			0.0734	1.14	1.316E-05
On-Site Travel 100%	124	42.12	0.0176		0.74	8.594E-06
On-Site Travel 5%	6	0.55	0.0176		0.01	1.113E-07
Off-Site Travel - 5th St. 15% W. Inbound/Outbound	19	19.33	0.0075		0.15	1.688E-06
Off-Site Travel - Lankershim Ave. 5% Inbound/Outbound	6	2.62	0.0075		0.02	2.288E-07
Off-Site Travel - 5th St. 15% Inbound/Outbound	19	5.75	0.0075		0.04	5.017E-07
Off-Site Travel - 5th St. 80% W. Inbound/Outbound	99	64.07	0.0075		0.48	5.593E-06
Off-Site Travel - 5th St. 80% E. Inbound/Outbound	99	98.44	0.0075		0.74	8.594E-06
Off-Site Travel - 5th St. 67% Inbound/Outbound	83	50.64	0.0075		0.38	4.421E-06
Off-Site Travel - 5th St. 5% Inbound/Outbound	6	4.63	0.0075		0.03	4.042E-07
Off-Site Travel - Palm Ave. 8% Inbound/Outbound	10	4.06	0.0075		0.03	3.540E-07
Off-Site Travel - Palm Ave. 8% Inbound/Outbound	6	2.26	0.0075		0.02	1.970E-07

[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.

2.4 EXPOSURE QUANTIFICATION

The analysis herein has been conducted in accordance with the guidelines in the Health Risk Assessment Guidance for Analyzing Cancer Risks from Mobile Source Diesel Idling Emissions for CEQA Air Quality Analysis (2). The Environmental Protection Agency's (U.S. EPA's) AERMOD model has been utilized. For purposes of this analysis, the Lakes AERMOD View (Version 11.2.0) was used to calculate annual average particulate concentrations associated with site operations. Lakes AERMOD View was utilized to incorporate the U.S. EPA's latest AERMOD Version 22112 (11).

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

Model parameters are presented in Table 2-5 (11). The model requires additional input parameters including emission data and local meteorology. Meteorological data from the SCAQMD's Redlands monitoring station was used to represent local weather conditions and prevailing winds (12).

TABLE 2-5: AERMOD MODEL PARAMETERS

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

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

Receptors may be placed at applicable structure locations for residential and worker property and not necessarily the boundaries of the properties containing these uses because the human receptors (residents and workers) spend a majority of their time at the residence or in the workplace's building, and not on the property line. It should be noted that the primary purpose of receptor placement is focused on long-term exposure. For example, the HRA evaluates the potential health risks to residents, workers, and school children over a period of 30, 25, or 9 years of exposure, respectively. Notwithstanding, as a conservative measure, receptors were placed at either the outdoor living area or the building façade, whichever is closer to the Project site.

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

For purposes of this HRA, receptors include both residential and non-residential (school children and worker) land uses in the vicinity of the Project. These receptors are included in the HRA since residents, workers, and school children may be exposed at these locations over a long-term duration of 30, 25, and 9 years, respectively. This methodology is consistent with SCAQMD and OEHHA recommended guidance.

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

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

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

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

Age	Daily Breathing Rate (L/kg-day)	Age Specific Factor	Exposure Duration (years)	Fraction of Time at Home	Exposure Frequency (days/year)	Exposure Time (hours/day)
0 to 2	1,090	10	1.93	1.00	250	8

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

Age	Daily Breathing Rate (L/kg-day)	Age Specific Factor	Exposure Duration (years)	Fraction of Time at Home	Exposure Frequency (days/year)	Exposure Time (hours/day)
-0.25 to 0	361	10	0.25	0.85	350	24
0 to 2	1,090	10	2	0.85	350	24
2 to 16	572	3	14	0.72	350	24
16 to 30	261	1	14	0.73	350	24

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

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

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

Age	Daily Breathing Rate (L/kg-day)	Age Specific Factor	Exposure Duration (years)	Exposure Frequency (days/year) [a]	Exposure Time (hours/day)
4 to 13	631	3	9	180	12

[a] To represent the unique characteristics of the school-based population, the assessment employed the U.S. Environmental Protection Agency's guidance to develop viable dose estimates based on reasonable maximum exposures (RME). RME's are defined as the "highest exposure that is reasonably expected to occur" for a given receptor population. As a result, lifetime risk values for the student population were adjusted to account for an exposure duration of 180 days per year for nine (9) years. The 9 year exposure duration is also consistent with OEHHA Recommendations and consistent with the exposure duration utilized in school-based risk assessments for various schools within the Los Angeles County Unified School District (LAUSD) that have been accepted by the SCAQMD.

2.5 CARCINOGENIC CHEMICAL RISK

Excess cancer risks are estimated as the upper-bound incremental probability that an individual will develop cancer over a lifetime as a direct result of exposure to potential carcinogens over a specified exposure duration. The estimated risk is expressed as a unitless probability. The cancer risk attributed to a chemical is calculated by multiplying the chemical intake or dose at the human exchange boundaries (e.g., lungs) by the chemical-specific cancer potency factor (CPF). A risk level of 10 in one million implies a likelihood that up to 10 people, out of one million equally exposed people would contract cancer if exposed continuously (24 hours per day) to the levels of toxic air contaminants over a specified duration of time.

Guidance from CARB and the California Environmental Protection Agency, Office of Environmental Health Hazard Assessment (OEHHA) recommends a refinement to the standard point estimate approach when alternate human body weights and breathing rates are utilized to assess risk for susceptible subpopulations such as children. For the inhalation pathway, the procedure requires the incorporation of several discrete variates to effectively quantify dose. Once determined, contaminant dose is multiplied by the cancer potency factor (CPF) in units of inverse dose expressed in milligrams per kilogram per day $(mg/kg/day)^{-1}$ to derive the cancer risk estimate. Therefore, to assess exposures, the following dose algorithm was utilized.

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

Where:

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

C_{AIR}	=	concentration of contaminant in air (µg/m^3)
$\frac{BR}{BW}$	=	daily breathing rate normalized to body weight (L/kg BW-day)
A	=	inhalation absorption factor
EF	=	exposure frequency (days/365 days)
BW	=	body weight (kg)
1×10^{-6}	=	conversion factors (µg to mg, L to m^3)

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

Where:

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

2.6 NON-CARCINOGENIC EXPOSURES

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

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

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

Where:

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

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

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

CONSTRUCTION IMPACTS

The land use with the greatest potential exposure to Project construction-source DPM emissions is Location R1 which is located approximately 123 feet west of the Project site at an existing residence located at 7926 Sterling Avenue. Since there are no private outdoor living areas (backyards) facing the Project site, R1 is placed at the building façade.

Without implementation of PDF AQ-1, at the MEIR, the maximum incremental cancer risk attributable to Project construction-source DPM emissions is estimated at 3.99 in one million, which is less than the SCAQMD significance threshold of 10 in one million. With implementation of PDF AQ-1, the maximum incremental cancer risk at the MEIR would be reduced to 0.51 in one million. At this same location, with and without implementation of PDF AQ-1, non-cancer risks were estimated to be ≤0.01, which would not exceed the applicable threshold of 1.0. Location R1 is the nearest receptor to the Project site and would experience the highest concentrations of DPM during Project construction due to its location and meteorological conditions at the site. Because all other modeled receptors would experience lower concentrations of DPM during Project construction, all other receptors in the vicinity of the Project would be exposed to less emissions and therefore less risk than the MEIR identified herein. As such, the Project will not cause a significant human health or cancer risk to adjacent land uses as a result of Project construction activity. All other receptors during construction activity would experience less risk than what is identified for this location.

OPERATIONAL IMPACTS

Residential Exposure Scenario:

The residential land use with the greatest potential exposure to Project operational-source DPM emissions is Location R1 which is located approximately 123 feet west of the Project site at an existing residence located at 7926 Sterling Avenue. R1 is placed in the private outdoor living area (backyard) facing the Project site.

Without implementation of project design feature (PDF) AQ-4, the maximum incremental cancer risk attributable to Project operational-source DPM emissions is estimated at 2.96 in one million, which would not exceed the SCAQMD's significance threshold of 10 in one million. Without implementation of project design feature (PDF) AQ-4, the maximum incremental cancer risk attributable to Project operational-source DPM emissions is estimated at 0.49 in one million, which would not exceed the SCAQMD's significance threshold of 10 in one million. At this same location, with and without implementation of PDF AQ-4, non-cancer risks were estimated to be ≤0.01, which would not exceed the applicable significance threshold of 1.0.

Location R1 is the nearest receptor to the Project site and would experience the highest concentrations of DPM from Project operation due to its location and meteorological conditions

at the Project site. Because all other modeled receptors would be exposed to lower concentrations of DPM, all other receptors in the vicinity of the Project would be exposed to less emissions and therefore less risk than the MEIR identified herein. As such, the Project will not cause a significant human health or cancer risk to nearby residences. The modeled receptors are illustrated on Exhibit 2-D.

Worker Exposure Scenario[5]*:*

The worker receptor land use with the greatest potential exposure to Project operational -source DPM emissions is Location R7, which represents the potential worker receptor located approximately 170 feet south of the Project site.

The maximally exposed individual worker (MEIW) is the worker receptor location that would experience the highest modeled concentrations of DPM, and thus the highest risk. Without implementation of project design feature (PDF) AQ-4, the maximum incremental cancer risk impact is 0.75 in one million, which is less than the SCAQMD's threshold of 10 in one million. With implementation of project design feature (PDF) AQ-4, the maximum incremental cancer risk impact is 0.06 in one million, which is less than the SCAQMD's threshold of 10 in one million. At this same location, with and without implementation of PDF AQ-4, the maximum non-cancer risk was estimated to be ≤0.01, which would not exceed the applicable significance threshold of 1.0. Because all other modeled worker receptors would be exposed to lower concentrations of DPM, all other worker receptors in the vicinity of the Project would be exposed to less emissions and therefore less risk than the MEIW identified herein. As such, the Project will not cause a significant human health or cancer risk to adjacent workers. The modeled receptors are illustrated on Exhibit 2-D.

School Child Exposure Scenario:

The nearest school is Indian Springs High School, located approximately 2,731 feet west of the Project site and represented by Location R8. Without implementation of project design feature (PDF) AQ-4, the maximally exposed individual school child (MEISC) cancer risk impact attributable to the Project is calculated to be 0.04 in one million, which is less than the significance threshold of 10 in one million. With implementation of project design feature (PDF) AQ-4, the maximally exposed individual school child (MEISC) cancer risk impact attributable to the Project is calculated to be 0.01 in one million, which is less than the significance threshold of 10 in one million At this same location, with and without implementation of PDF AQ-4, non-cancer risks attributable to the Project were calculated to be ≤0.01, which would not exceed the applicable significance threshold of 1.0. Because all other modeled school receptors would be exposed to lower concentrations of DPM, all other school receptors in the vicinity of the of the Project would be

5 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.

exposed to less emissions and therefore less risk than the MEISC identified herein. As such, the Project will not cause a significant human health or cancer risk to nearby school children.

CONSTRUCTION AND OPERATIONAL IMPACTS

This analysis considers a conservative scenario in which a child at a nearby residence is exposed to Project construction-related DPM emissions from birth for the expected 1.93 years of Project construction, and is then exposed to Project operational emissions for the remaining 28.07 years of the 30 year residential exposure scenario. It should be noted that in many cases the combined construction and operational risk is less than the operational risk alone due to varying DPM concentrations at receptors for the construction and operational phases of the Project, as well as the assumed exposure durations and scenarios, which place a greater emphasis on pollutant exposures that occur early in life.

The land use with the greatest potential exposure to Project construction-source and operational-source DPM emissions is Location R1. At the MEIR, without implementation of PDF AQ-1 and AQ-4, the maximum incremental cancer risk attributable to Project construction-source and operational-source DPM emissions is estimated at 5.55 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.

With implementation of PDF AQ-1 and AQ-4, the land use with the greatest potential exposure to Project construction-source and operational-source DPM emissions is Location R1. At the MEIR, with implementation of PDF AQ-1, the maximum incremental cancer risk is estimated at 0.77 in one million, and non-cancer risks are estimated to be ≤0.01. As such, the Project will not cause a significant human health or cancer risk to adjacent land uses as a result of Project construction and operational activity. All other receptors during construction and operational activity would experience less risk than what is identified for this location. The modeled receptors are illustrated on Exhibit 2-D.

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

EXHIBIT 2-D: RECEPTOR LOCATIONS



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3 REFERENCES

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4 CERTIFICATIONS

The contents of this health risk assessment represent an accurate depiction of the impacts to sensitive receptors associated with the proposed 5th & Sterling Project. The information contained in this health risk assessment report is based on the best available data at the time of preparation. If you have any questions, please contact me at (949) 660-1994.

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ASTM – American Society for Testing and Materials

PROFESSIONAL CERTIFICATIONS

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

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APPENDIX 2.1:

CALEEMOD OUTPUTS

14057- 5th & Sterling 03 Run Detailed Report

Table of Contents

1. Basic Project Information

1.1. Basic Project Information

1.2. Land Use Types

1.3. User-Selected Emission Reduction Measures by Emissions Sector

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

2.2. Construction Emissions by Year, Unmitigated

2.3. Construction Emissions by Year, Mitigated

2.4. Operations Emissions Compared Against Thresholds

2.5. Operations Emissions by Sector, Unmitigated

2.6. Operations Emissions by Sector, Mitigated

3. Construction Emissions Details

3.1. Site Preparation (2024) - Unmitigated

3.2. Site Preparation (2024) - Mitigated

3.3. Grading (2024) - Unmitigated

3.4. Grading (2024) - Mitigated

3.5. Building Construction (2024) - Unmitigated

3.6. Building Construction (2024) - Mitigated

3.7. Building Construction (2025) - Unmitigated

3.8. Building Construction (2025) - Mitigated

3.9. Building Construction (2026) - Unmitigated

3.10. Building Construction (2026) - Mitigated

3.11. Paving (2026) - Unmitigated

3.12. Paving (2026) - Mitigated

3.13. Architectural Coating (2026) - Unmitigated

3.14. Architectural Coating (2026) - Mitigated

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

4.1.2. Mitigated

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

4.2.2. Electricity Emissions By Land Use - Mitigated

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

4.2.4. Natural Gas Emissions By Land Use - Mitigated

4.3. Area Emissions by Source

4.3.1. Unmitigated

4.3.2. Mitigated

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

4.4.2. Mitigated

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

4.5.2. Mitigated

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

4.6.2. Mitigated

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

4.7.2. Mitigated

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

4.8.2. Mitigated

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

4.9.2. Mitigated

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

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

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

5. Activity Data

5.1. Construction Schedule

5.2. Off-Road Equipment

5.2.1. Unmitigated

5.2.2. Mitigated

5.3. Construction Vehicles

5.3.1. Unmitigated

5.3.2. Mitigated

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

5.5. Architectural Coatings

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

5.6.2. Construction Earthmoving Control Strategies

5.7. Construction Paving

5.8. Construction Electricity Consumption and Emissions Factors

5.9. Operational Mobile Sources

5.9.1. Unmitigated

5.9.2. Mitigated

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

5.10.3. Landscape Equipment

5.10.4. Landscape Equipment - Mitigated

5.11. Operational Energy Consumption

5.11.1. Unmitigated

5.11.2. Mitigated

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

5.12.2. Mitigated

5.13. Operational Waste Generation

5.13.1. Unmitigated

5.13.2. Mitigated

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

5.14.2. Mitigated

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

5.15.2. Mitigated

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

5.16.2. Process Boilers

5.17. User Defined

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.2. Sequestration

5.18.2.1. Unmitigated

5.18.2.2. Mitigated

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

6.2. Initial Climate Risk Scores

6.3. Adjusted Climate Risk Scores

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

7.2. Healthy Places Index Scores

7.3. Overall Health & Equity Scores

7.4. Health & Equity Measures

7.5. Evaluation Scorecard

7.6. Health & Equity Custom Measures

8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	14057- 5th & Sterling 03 Run
Construction Start Date	7/1/2024
Operational Year	2026
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.50
Precipitation (days)	11.2
Location	34.10951, -117.242716
County	San Bernardino-South Coast
City	San Bernardino
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5174
EDFZ	10
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.21

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description

Unrefrigerated Warehouse-No Rail	557	1000sqft	12.8	557,000	151,950	—	—	Passenger Car Vehicles
Parking Lot	446	Space	3.59	0.00	0.00	—	—	—
Other Asphalt Surfaces	8.74	Acre	8.74	0.00	0.00	—	—	—
User Defined Industrial	557	User Defined Unit	0.00	0.00	0.00	—	—	Truck Trips

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-5	Use Advanced Engine Tiers
Construction	C-13	Use Low-VOC Paints for Construction
Energy	E-10-B	Establish Onsite Renewable Energy Systems: Solar Power
Water	W-4	Require Low-Flow Water Fixtures
Area Sources	AS-2	Use Low-VOC Paints

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.	7.27	82.4	58.3	48.8	0.11	2.56	5.93	8.18	2.36	2.75	4.82	—	12,010	12,010	0.52	0.54	20.4	12,067
Mit.	2.22	21.8	9.49	61.5	0.11	0.22	5.93	6.03	0.22	2.75	2.86	—	12,010	12,010	0.52	0.54	20.4	12,067
% Reduced	69%	74%	84%	-26%	—	91%	—	26%	91%	—	41%	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	3.08	2.51	16.5	30.7	0.04	0.57	3.73	4.31	0.53	0.90	1.43	—	8,195	8,195	0.44	0.51	0.53	8,358
Mit.	1.90	1.57	7.24	32.7	0.04	0.12	3.73	3.85	0.11	0.90	1.02	—	8,195	8,195	0.44	0.51	0.53	8,358
% Reduced	38%	38%	56%	-6%	—	80%	—	11%	79%	—	29%	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.00	8.34	12.5	21.5	0.03	0.54	2.65	3.01	0.50	0.64	0.97	—	5,809	5,809	0.31	0.36	5.89	5,931
Mit.	1.23	2.36	5.01	23.0	0.03	0.08	2.65	2.73	0.08	0.64	0.72	—	5,809	5,809	0.31	0.36	5.89	5,931
% Reduced	38%	72%	60%	-7%	—	85%	—	9%	84%	—	26%	—	—	—	—	—	—	—
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.37	1.52	2.29	3.92	0.01	0.10	0.48	0.55	0.09	0.12	0.18	—	962	962	0.05	0.06	0.98	982
Mit.	0.22	0.43	0.91	4.19	0.01	0.02	0.48	0.50	0.01	0.12	0.13	—	962	962	0.05	0.06	0.98	982
% Reduced	38%	72%	60%	-7%	—	85%	—	9%	84%	—	26%	—	—	—	—	—	—	—

2.2. Construction Emissions by Year, Unmitigated

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	7.27	6.10	58.3	48.8	0.11	2.56	5.93	8.18	2.36	2.75	4.82	—	12,010	12,010	0.50	0.51	20.4	12,067
2025	2.88	2.36	15.1	33.8	0.04	0.50	3.73	4.24	0.46	0.90	1.37	—	8,364	8,364	0.43	0.51	19.1	8,545
2026	4.14	82.4	22.7	48.2	0.06	0.80	4.54	5.34	0.73	1.09	1.83	—	10,797	10,797	0.52	0.54	20.3	10,992

Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	3.08	2.51	16.5	30.7	0.04	0.57	3.73	4.31	0.53	0.90	1.43	—	8,195	8,195	0.44	0.51	0.53	8,358
2025	2.81	2.29	15.3	29.3	0.04	0.50	3.73	4.24	0.46	0.90	1.37	—	8,091	8,091	0.44	0.51	0.49	8,253
2026	2.68	2.14	14.4	28.2	0.04	0.44	3.73	4.18	0.41	0.90	1.32	—	7,989	7,989	0.32	0.51	0.45	8,148
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	1.75	1.46	12.5	13.7	0.02	0.54	1.44	1.99	0.50	0.45	0.95	—	3,300	3,300	0.16	0.11	1.74	3,339
2025	2.00	1.62	11.0	21.5	0.03	0.36	2.65	3.01	0.33	0.64	0.97	—	5,809	5,809	0.31	0.36	5.89	5,931
2026	0.95	8.34	5.25	10.2	0.01	0.17	1.21	1.38	0.16	0.29	0.45	—	2,689	2,689	0.11	0.16	2.41	2,742
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.32	0.27	2.29	2.50	< 0.005	0.10	0.26	0.36	0.09	0.08	0.17	—	546	546	0.03	0.02	0.29	553
2025	0.37	0.30	2.01	3.92	0.01	0.07	0.48	0.55	0.06	0.12	0.18	—	962	962	0.05	0.06	0.98	982
2026	0.17	1.52	0.96	1.87	< 0.005	0.03	0.22	0.25	0.03	0.05	0.08	—	445	445	0.02	0.03	0.40	454

2.3. Construction Emissions by Year, Mitigated

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	1.98	1.65	7.19	61.5	0.11	0.22	5.93	6.03	0.22	2.75	2.86	—	12,010	12,010	0.50	0.51	20.4	12,067
2025	1.80	1.49	6.67	35.9	0.04	0.12	3.73	3.85	0.11	0.90	1.02	—	8,364	8,364	0.43	0.51	19.1	8,545
2026	2.22	21.8	9.49	50.8	0.06	0.15	4.54	4.69	0.14	1.09	1.24	—	10,797	10,797	0.52	0.54	20.3	10,992
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	1.90	1.57	7.24	32.7	0.04	0.12	3.73	3.85	0.11	0.90	1.02	—	8,195	8,195	0.44	0.51	0.53	8,358
2025	1.73	1.42	6.90	31.4	0.04	0.12	3.73	3.85	0.11	0.90	1.02	—	8,091	8,091	0.44	0.51	0.49	8,253

2026	1.67	1.34	6.66	30.3	0.04	0.11	3.73	3.85	0.11	0.90	1.02	—	7,989	7,989	0.32	0.51	0.45	8,148
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.53	0.47	2.37	15.3	0.02	0.05	1.44	1.50	0.05	0.45	0.51	—	3,300	3,300	0.16	0.11	1.74	3,339
2025	1.23	1.01	5.01	23.0	0.03	0.08	2.65	2.73	0.08	0.64	0.72	—	5,809	5,809	0.31	0.36	5.89	5,931
2026	0.55	2.36	2.36	10.9	0.01	0.04	1.21	1.25	0.04	0.29	0.33	—	2,689	2,689	0.11	0.16	2.41	2,742
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.10	0.09	0.43	2.80	< 0.005	0.01	0.26	0.27	0.01	0.08	0.09	—	546	546	0.03	0.02	0.29	553
2025	0.22	0.18	0.91	4.19	0.01	0.02	0.48	0.50	0.01	0.12	0.13	—	962	962	0.05	0.06	0.98	982
2026	0.10	0.43	0.43	2.00	< 0.005	0.01	0.22	0.23	0.01	0.05	0.06	—	445	445	0.02	0.03	0.40	454

2.4. Operations Emissions Compared Against Thresholds

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

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	9.59	20.8	19.9	57.1	0.16	0.56	7.20	7.76	0.53	1.87	2.40	529	19,170	19,699	54.8	2.36	42.6	21,815
Mit.	9.59	20.2	19.9	57.1	0.16	0.56	7.20	7.76	0.53	1.87	2.40	508	18,984	19,492	52.6	2.31	42.6	21,539
% Reduced	—	3%	—	—	—	—	—	—	—	—	—	4%	1%	1%	4%	2%	—	1%
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	5.16	16.7	20.3	29.8	0.16	0.52	7.20	7.72	0.49	1.87	2.36	529	18,760	19,289	54.8	2.37	1.10	21,366
Mit.	5.16	16.1	20.3	29.8	0.16	0.52	7.20	7.72	0.49	1.87	2.36	508	18,574	19,082	52.6	2.32	1.10	21,090
% Reduced	—	3%	—	—	—	—	—	—	—	—	—	4%	1%	1%	4%	2%	—	1%

Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	6.82	18.3	16.9	42.5	0.14	0.40	6.42	6.83	0.37	1.67	2.04	529	16,970	17,499	54.7	2.19	16.5	19,536
Mit.	6.82	17.7	16.9	42.5	0.14	0.40	6.42	6.83	0.37	1.67	2.04	508	16,785	17,293	52.5	2.14	16.5	19,260
% Reduced	—	3%	—	—	—	—	—	—	—	—	—	4%	1%	1%	4%	2%	—	1%
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.25	3.34	3.09	7.75	0.03	0.07	1.17	1.25	0.07	0.30	0.37	87.6	2,810	2,897	9.05	0.36	2.73	3,234
Mit.	1.25	3.23	3.09	7.75	0.03	0.07	1.17	1.25	0.07	0.30	0.37	84.1	2,779	2,863	8.69	0.35	2.73	3,189
% Reduced	—	3%	—	—	—	—	—	—	—	—	—	4%	1%	1%	4%	2%	—	1%

2.5. Operations Emissions by Sector, Unmitigated

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

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	3.46	2.47	12.0	25.6	0.14	0.18	7.20	7.38	0.17	1.87	2.04	—	14,713	14,713	0.98	1.72	42.6	15,293
Area	4.31	16.7	0.20	24.2	< 0.005	0.04	—	0.04	0.03	—	0.03	—	99.6	99.6	< 0.005	< 0.005	—	100.0
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	944	944	0.09	0.01	—	949
Water	—	—	—	—	—	—	—	—	—	—	—	247	844	1,091	25.4	0.61	—	1,908
Waste	—	—	—	—	—	—	—	—	—	—	—	282	0.00	282	28.2	0.00	—	987
Off-Road	0.74	0.62	5.00	4.78	0.02	0.20	—	0.20	0.18	—	0.18	—	2,066	2,066	0.08	0.02	—	2,073
Stationary	1.08	0.98	2.75	2.51	< 0.005	0.14	0.00	0.14	0.14	0.00	0.14	0.00	504	504	0.02	< 0.005	0.00	505
Total	9.59	20.8	19.9	57.1	0.16	0.56	7.20	7.76	0.53	1.87	2.40	529	19,170	19,699	54.8	2.36	42.6	21,815

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	3.34	2.34	12.6	22.5	0.13	0.18	7.20	7.38	0.17	1.87	2.04	—	14,403	14,403	0.99	1.73	1.10	14,944
Area	—	12.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	944	944	0.09	0.01	—	949
Water	—	—	—	—	—	—	—	—	—	—	—	247	844	1,091	25.4	0.61	—	1,908
Waste	—	—	—	—	—	—	—	—	—	—	—	282	0.00	282	28.2	0.00	—	987
Off-Road	0.74	0.62	5.00	4.78	0.02	0.20	—	0.20	0.18	—	0.18	—	2,066	2,066	0.08	0.02	—	2,073
Stationary	1.08	0.98	2.75	2.51	< 0.005	0.14	0.00	0.14	0.14	0.00	0.14	0.00	504	504	0.02	< 0.005	0.00	505
Total	5.16	16.7	20.3	29.8	0.16	0.52	7.20	7.72	0.49	1.87	2.36	529	18,760	19,289	54.8	2.37	1.10	21,366
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	2.98	2.09	11.4	20.8	0.12	0.16	6.42	6.58	0.15	1.67	1.82	—	12,980	12,980	0.89	1.55	16.5	13,482
Area	2.95	15.4	0.14	16.6	< 0.005	0.03	—	0.03	0.02	—	0.02	—	68.2	68.2	< 0.005	< 0.005	—	68.5
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	944	944	0.09	0.01	—	949
Water	—	—	—	—	—	—	—	—	—	—	—	247	844	1,091	25.4	0.61	—	1,908
Waste	—	—	—	—	—	—	—	—	—	—	—	282	0.00	282	28.2	0.00	—	987
Off-Road	0.74	0.62	5.00	4.78	0.02	0.20	—	0.20	0.18	—	0.18	—	2,066	2,066	0.08	0.02	—	2,073
Stationary	0.15	0.13	0.38	0.34	< 0.005	0.02	0.00	0.02	0.02	0.00	0.02	0.00	69.0	69.0	< 0.005	< 0.005	0.00	69.2
Total	6.82	18.3	16.9	42.5	0.14	0.40	6.42	6.83	0.37	1.67	2.04	529	16,970	17,499	54.7	2.19	16.5	19,536
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.54	0.38	2.09	3.79	0.02	0.03	1.17	1.20	0.03	0.30	0.33	—	2,149	2,149	0.15	0.26	2.73	2,232
Area	0.54	2.82	0.03	3.03	< 0.005	0.01	—	0.01	< 0.005	—	< 0.005	—	11.3	11.3	< 0.005	< 0.005	—	11.3
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	156	156	0.01	< 0.005	—	157
Water	—	—	—	—	—	—	—	—	—	—	—	40.9	140	181	4.20	0.10	—	316
Waste	—	—	—	—	—	—	—	—	—	—	—	46.7	0.00	46.7	4.67	0.00	—	163

Off-Road	0.13	0.11	0.91	0.87	< 0.005	0.04	—	0.04	0.03	—	0.03	—	342	342	0.01	< 0.005	—	343
Stationary	0.03	0.02	0.07	0.06	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	11.4	11.4	< 0.005	< 0.005	0.00	11.5
Total	1.25	3.34	3.09	7.75	0.03	0.07	1.17	1.25	0.07	0.30	0.37	87.6	2,810	2,897	9.05	0.36	2.73	3,234

2.6. Operations Emissions by Sector, Mitigated

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

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	3.46	2.47	12.0	25.6	0.14	0.18	7.20	7.38	0.17	1.87	2.04	—	14,713	14,713	0.98	1.72	42.6	15,293
Area	4.31	16.1	0.20	24.2	< 0.005	0.04	—	0.04	0.03	—	0.03	—	99.6	99.6	< 0.005	< 0.005	—	100.0
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	828	828	0.08	0.01	—	833
Water	—	—	—	—	—	—	—	—	—	—	—	226	774	1,000	23.2	0.56	—	1,747
Waste	—	—	—	—	—	—	—	—	—	—	—	282	0.00	282	28.2	0.00	—	987
Off-Road	0.74	0.62	5.00	4.78	0.02	0.20	—	0.20	0.18	—	0.18	—	2,066	2,066	0.08	0.02	—	2,073
Stationary	1.08	0.98	2.75	2.51	< 0.005	0.14	0.00	0.14	0.14	0.00	0.14	0.00	504	504	0.02	< 0.005	0.00	505
Total	9.59	20.2	19.9	57.1	0.16	0.56	7.20	7.76	0.53	1.87	2.40	508	18,984	19,492	52.6	2.31	42.6	21,539
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	3.34	2.34	12.6	22.5	0.13	0.18	7.20	7.38	0.17	1.87	2.04	—	14,403	14,403	0.99	1.73	1.10	14,944
Area	—	12.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	828	828	0.08	0.01	—	833
Water	—	—	—	—	—	—	—	—	—	—	—	226	774	1,000	23.2	0.56	—	1,747
Waste	—	—	—	—	—	—	—	—	—	—	—	282	0.00	282	28.2	0.00	—	987
Off-Road	0.74	0.62	5.00	4.78	0.02	0.20	—	0.20	0.18	—	0.18	—	2,066	2,066	0.08	0.02	—	2,073

Stationar	1.08	0.98	2.75	2.51	< 0.005	0.14	0.00	0.14	0.14	0.00	0.14	0.00	504	504	0.02	< 0.005	0.00	505
Total	5.16	16.1	20.3	29.8	0.16	0.52	7.20	7.72	0.49	1.87	2.36	508	18,574	19,082	52.6	2.32	1.10	21,090
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	2.98	2.09	11.4	20.8	0.12	0.16	6.42	6.58	0.15	1.67	1.82	—	12,980	12,980	0.89	1.55	16.5	13,482
Area	2.95	14.9	0.14	16.6	< 0.005	0.03	—	0.03	0.02	—	0.02	—	68.2	68.2	< 0.005	< 0.005	—	68.5
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	828	828	0.08	0.01	—	833
Water	—	—	—	—	—	—	—	—	—	—	—	226	774	1,000	23.2	0.56	—	1,747
Waste	—	—	—	—	—	—	—	—	—	—	—	282	0.00	282	28.2	0.00	—	987
Off-Road	0.74	0.62	5.00	4.78	0.02	0.20	—	0.20	0.18	—	0.18	—	2,066	2,066	0.08	0.02	—	2,073
Stationary	0.15	0.13	0.38	0.34	< 0.005	0.02	0.00	0.02	0.02	0.00	0.02	0.00	69.0	69.0	< 0.005	< 0.005	0.00	69.2
Total	6.82	17.7	16.9	42.5	0.14	0.40	6.42	6.83	0.37	1.67	2.04	508	16,785	17,293	52.5	2.14	16.5	19,260
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.54	0.38	2.09	3.79	0.02	0.03	1.17	1.20	0.03	0.30	0.33	—	2,149	2,149	0.15	0.26	2.73	2,232
Area	0.54	2.71	0.03	3.03	< 0.005	0.01	—	0.01	< 0.005	—	< 0.005	—	11.3	11.3	< 0.005	< 0.005	—	11.3
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	137	137	0.01	< 0.005	—	138
Water	—	—	—	—	—	—	—	—	—	—	—	37.4	128	165	3.85	0.09	—	289
Waste	—	—	—	—	—	—	—	—	—	—	—	46.7	0.00	46.7	4.67	0.00	—	163
Off-Road	0.13	0.11	0.91	0.87	< 0.005	0.04	—	0.04	0.03	—	0.03	—	342	342	0.01	< 0.005	—	343
Stationary	0.03	0.02	0.07	0.06	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	11.4	11.4	< 0.005	< 0.005	0.00	11.5
Total	1.25	3.23	3.09	7.75	0.03	0.07	1.17	1.25	0.07	0.30	0.37	84.1	2,779	2,863	8.69	0.35	2.73	3,189

3. Construction Emissions Details

3.1. Site Preparation (2024) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	5.35	4.49	42.5	35.3	0.05	2.25	—	2.25	2.07	—	2.07	—	5,529	5,529	0.22	0.04	—	5,548
Dust From Material Movement	—	—	—	—	—	—	5.66	5.66	—	2.69	2.69	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.29	0.25	2.33	1.93	< 0.005	0.12	—	0.12	0.11	—	0.11	—	303	303	0.01	< 0.005	—	304
Dust From Material Movement	—	—	—	—	—	—	0.31	0.31	—	0.15	0.15	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.04	0.43	0.35	< 0.005	0.02	—	0.02	0.02	—	0.02	—	50.2	50.2	< 0.005	< 0.005	—	50.3
Dust From Material Movement	—	—	—	—	—	—	0.06	0.06	—	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	0.10	0.09	0.08	1.48	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	252	252	0.01	0.01	1.01	256
Vendor	0.01	< 0.005	0.14	0.08	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	—	125	125	0.01	0.02	0.35	132
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	< 0.005	0.01	0.06	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	12.8	12.8	< 0.005	< 0.005	0.02	13.0
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.87	6.87	< 0.005	< 0.005	0.01	7.20
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.12	2.12	< 0.005	< 0.005	< 0.005	2.15
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.14	1.14	< 0.005	< 0.005	< 0.005	1.19
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.2. Site Preparation (2024) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.52	0.52	2.71	30.0	0.05	0.10	—	0.10	0.10	—	0.10	—	5,529	5,529	0.22	0.04	—	5,548

Dust From Material Movement	—	—	—	—	—	—	5.66	5.66	—	2.69	2.69	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.15	1.64	< 0.005	0.01	—	0.01	0.01	—	0.01	—	303	303	0.01	< 0.005	—	304
Dust From Material Movement	—	—	—	—	—	—	0.31	0.31	—	0.15	0.15	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.03	0.30	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	50.2	50.2	< 0.005	< 0.005	—	50.3
Dust From Material Movement	—	—	—	—	—	—	0.06	0.06	—	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	0.10	0.09	0.08	1.48	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	252	252	0.01	0.01	1.01	256
Vendor	0.01	< 0.005	0.14	0.08	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	—	125	125	0.01	0.02	0.35	132
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	< 0.005	0.01	0.06	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	12.8	12.8	< 0.005	< 0.005	0.02	13.0
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.87	6.87	< 0.005	< 0.005	0.01	7.20
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.12	2.12	< 0.005	< 0.005	< 0.005	2.15
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.14	1.14	< 0.005	< 0.005	< 0.005	1.19
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.3. Grading (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	7.10	5.97	57.9	46.5	0.11	2.56	—	2.56	2.35	—	2.35	—	11,399	11,399	0.46	0.09	—	11,438
Dust From Material Movement	—	—	—	—	—	—	3.22	3.22	—	1.04	1.04	—	—	—	—	—	—	—
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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.88	0.74	7.13	5.73	0.01	0.32	—	0.32	0.29	—	0.29	—	1,405	1,405	0.06	0.01	—	1,410
Dust From Material Movement	—	—	—	—	—	—	0.40	0.40	—	0.13	0.13	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.16	0.13	1.30	1.05	< 0.005	0.06	—	0.06	0.05	—	0.05	—	233	233	0.01	< 0.005	—	233
Dust From Material Movement	—	—	—	—	—	—	0.07	0.07	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.14	0.13	0.12	2.11	0.00	0.00	0.33	0.33	0.00	0.08	0.08	—	360	360	0.02	0.01	1.44	365
Vendor	0.03	0.01	0.29	0.15	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	251	251	0.02	0.04	0.70	263
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.21	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	41.2	41.2	< 0.005	< 0.005	0.08	41.8
Vendor	< 0.005	< 0.005	0.04	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	30.9	30.9	< 0.005	< 0.005	0.04	32.4

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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	6.83	6.83	< 0.005	< 0.005	0.01	6.92
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	5.12	5.12	< 0.005	< 0.005	0.01	5.36
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. Grading (2024) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.09	1.09	6.79	59.2	0.11	0.21	—	0.21	0.21	—	0.21	—	11,399	11,399	0.46	0.09	—	11,438
Dust From Material Movement	—	—	—	—	—	—	3.22	3.22	—	1.04	1.04	—	—	—	—	—	—	—
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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	0.13	0.84	7.30	0.01	0.03	—	0.03	0.03	—	0.03	—	1,405	1,405	0.06	0.01	—	1,410
Dust From Material Movement	—	—	—	—	—	—	0.40	0.40	—	0.13	0.13	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.15	1.33	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	233	233	0.01	< 0.005	—	233
Dust From Material Movement	—	—	—	—	—	—	0.07	0.07	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.14	0.13	0.12	2.11	0.00	0.00	0.33	0.33	0.00	0.08	0.08	—	360	360	0.02	0.01	1.44	365
Vendor	0.03	0.01	0.29	0.15	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	251	251	0.02	0.04	0.70	263
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.21	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	41.2	41.2	< 0.005	< 0.005	0.08	41.8
Vendor	< 0.005	< 0.005	0.04	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	30.9	30.9	< 0.005	< 0.005	0.04	32.4
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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	6.83	6.83	< 0.005	< 0.005	0.01	6.92
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	5.12	5.12	< 0.005	< 0.005	0.01	5.36
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.5. Building Construction (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	1.55	1.30	12.2	14.2	0.03	0.54	—	0.54	0.49	—	0.49	—	2,630	2,630	0.11	0.02	—	2,639
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.55	1.30	12.2	14.2	0.03	0.54	—	0.54	0.49	—	0.49	—	2,630	2,630	0.11	0.02	—	2,639
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.28	0.24	2.21	2.59	< 0.005	0.10	—	0.10	0.09	—	0.09	—	479	479	0.02	< 0.005	—	480
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.40	0.47	< 0.005	0.02	—	0.02	0.02	—	0.02	—	79.3	79.3	< 0.005	< 0.005	—	79.5
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.34	1.22	1.13	19.8	0.00	0.00	3.06	3.06	0.00	0.72	0.72	—	3,368	3,368	0.14	0.12	13.5	3,420
Vendor	0.26	0.07	2.84	1.52	0.02	0.04	0.68	0.71	0.04	0.19	0.22	—	2,477	2,477	0.19	0.37	6.91	2,599
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	1.27	1.15	1.34	15.0	0.00	0.00	3.06	3.06	0.00	0.72	0.72	—	3,087	3,087	0.15	0.12	0.35	3,126
Vendor	0.26	0.07	2.96	1.55	0.02	0.04	0.68	0.71	0.04	0.19	0.22	—	2,478	2,478	0.19	0.37	0.18	2,593
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	0.23	0.21	0.24	2.86	0.00	0.00	0.55	0.55	0.00	0.13	0.13	—	570	570	0.03	0.02	1.06	578
Vendor	0.05	0.01	0.54	0.28	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	451	451	0.03	0.07	0.54	472
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	0.04	0.04	0.04	0.52	0.00	0.00	0.10	0.10	0.00	0.02	0.02	—	94.3	94.3	< 0.005	< 0.005	0.18	95.7
Vendor	0.01	< 0.005	0.10	0.05	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	74.6	74.6	0.01	0.01	0.09	78.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.6. 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	0.37	0.35	2.94	16.2	0.03	0.08	—	0.08	0.08	—	0.08	—	2,630	2,630	0.11	0.02	—	2,639
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.37	0.35	2.94	16.2	0.03	0.08	—	0.08	0.08	—	0.08	—	2,630	2,630	0.11	0.02	—	2,639
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.06	0.54	2.95	< 0.005	0.01	—	0.01	0.01	—	0.01	—	479	479	0.02	< 0.005	—	480
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.10	0.54	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	79.3	79.3	< 0.005	< 0.005	—	79.5
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.34	1.22	1.13	19.8	0.00	0.00	3.06	3.06	0.00	0.72	0.72	—	3,368	3,368	0.14	0.12	13.5	3,420
Vendor	0.26	0.07	2.84	1.52	0.02	0.04	0.68	0.71	0.04	0.19	0.22	—	2,477	2,477	0.19	0.37	6.91	2,599
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	1.27	1.15	1.34	15.0	0.00	0.00	3.06	3.06	0.00	0.72	0.72	—	3,087	3,087	0.15	0.12	0.35	3,126

Vendor	0.26	0.07	2.96	1.55	0.02	0.04	0.68	0.71	0.04	0.19	0.22	—	2,478	2,478	0.19	0.37	0.18	2,593
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	0.23	0.21	0.24	2.86	0.00	0.00	0.55	0.55	0.00	0.13	0.13	—	570	570	0.03	0.02	1.06	578
Vendor	0.05	0.01	0.54	0.28	< 0.005	0.01	0.12	0.13	0.01	0.03	0.04	—	451	451	0.03	0.07	0.54	472
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	0.04	0.04	0.04	0.52	0.00	0.00	0.10	0.10	0.00	0.02	0.02	—	94.3	94.3	< 0.005	< 0.005	0.18	95.7
Vendor	0.01	< 0.005	0.10	0.05	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	74.6	74.6	0.01	0.01	0.09	78.2
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.7. Building Construction (2025) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.45	1.21	11.3	14.1	0.03	0.47	—	0.47	0.43	—	0.43	—	2,630	2,630	0.11	0.02	—	2,639
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.45	1.21	11.3	14.1	0.03	0.47	—	0.47	0.43	—	0.43	—	2,630	2,630	0.11	0.02	—	2,639
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.04	0.87	8.08	10.1	0.02	0.33	—	0.33	0.31	—	0.31	—	1,879	1,879	0.08	0.02	—	1,885
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.19	0.16	1.47	1.84	< 0.005	0.06	—	0.06	0.06	—	0.06	—	311	311	0.01	< 0.005	—	312
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	1.19	1.07	1.03	18.2	0.00	0.00	3.06	3.06	0.00	0.72	0.72	—	3,296	3,296	0.14	0.12	12.2	3,347
Vendor	0.24	0.07	2.71	1.46	0.02	0.04	0.68	0.71	0.04	0.19	0.22	—	2,437	2,437	0.19	0.37	6.86	2,559
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	1.12	1.01	1.13	13.7	0.00	0.00	3.06	3.06	0.00	0.72	0.72	—	3,022	3,022	0.14	0.12	0.32	3,061
Vendor	0.24	0.07	2.83	1.47	0.02	0.04	0.68	0.71	0.04	0.19	0.22	—	2,438	2,438	0.19	0.37	0.18	2,553
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	0.79	0.71	0.88	10.4	0.00	0.00	2.17	2.17	0.00	0.51	0.51	—	2,189	2,189	0.10	0.08	3.77	2,220
Vendor	0.17	0.05	2.03	1.04	0.01	0.03	0.48	0.51	0.03	0.13	0.16	—	1,741	1,741	0.14	0.26	2.12	1,825
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	0.14	0.13	0.16	1.89	0.00	0.00	0.40	0.40	0.00	0.09	0.09	—	362	362	0.02	0.01	0.62	368

Vendor	0.03	0.01	0.37	0.19	< 0.005	< 0.005	0.09	0.09	< 0.005	0.02	0.03	—	288	288	0.02	0.04	0.35	302
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 (2025) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.37	0.35	2.94	16.2	0.03	0.08	—	0.08	0.08	—	0.08	—	2,630	2,630	0.11	0.02	—	2,639
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.37	0.35	2.94	16.2	0.03	0.08	—	0.08	0.08	—	0.08	—	2,630	2,630	0.11	0.02	—	2,639
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.27	0.25	2.10	11.6	0.02	0.06	—	0.06	0.06	—	0.06	—	1,879	1,879	0.08	0.02	—	1,885
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.05	0.38	2.11	< 0.005	0.01	—	0.01	0.01	—	0.01	—	311	311	0.01	< 0.005	—	312
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	1.19	1.07	1.03	18.2	0.00	0.00	3.06	3.06	0.00	0.72	0.72	—	3,296	3,296	0.14	0.12	12.2	3,347
Vendor	0.24	0.07	2.71	1.46	0.02	0.04	0.68	0.71	0.04	0.19	0.22	—	2,437	2,437	0.19	0.37	6.86	2,559
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	1.12	1.01	1.13	13.7	0.00	0.00	3.06	3.06	0.00	0.72	0.72	—	3,022	3,022	0.14	0.12	0.32	3,061
Vendor	0.24	0.07	2.83	1.47	0.02	0.04	0.68	0.71	0.04	0.19	0.22	—	2,438	2,438	0.19	0.37	0.18	2,553
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	0.79	0.71	0.88	10.4	0.00	0.00	2.17	2.17	0.00	0.51	0.51	—	2,189	2,189	0.10	0.08	3.77	2,220
Vendor	0.17	0.05	2.03	1.04	0.01	0.03	0.48	0.51	0.03	0.13	0.16	—	1,741	1,741	0.14	0.26	2.12	1,825
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	0.14	0.13	0.16	1.89	0.00	0.00	0.40	0.40	0.00	0.09	0.09	—	362	362	0.02	0.01	0.62	368
Vendor	0.03	0.01	0.37	0.19	< 0.005	< 0.005	0.09	0.09	< 0.005	0.02	0.03	—	288	288	0.02	0.04	0.35	302
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 (2026) - 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	1.38	1.16	10.7	14.1	0.03	0.41	—	0.41	0.38	—	0.38	—	2,630	2,630	0.11	0.02	—	2,639
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.38	1.16	10.7	14.1	0.03	0.41	—	0.41	0.38	—	0.38	—	2,630	2,630	0.11	0.02	—	2,639
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.42	0.35	3.26	4.29	0.01	0.12	—	0.12	0.11	—	0.11	—	803	803	0.03	0.01	—	806
Onsite truck	0.00	0.00	0.00	0.00	0.00	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	0.06	0.59	0.78	< 0.005	0.02	—	0.02	0.02	—	0.02	—	133	133	0.01	< 0.005	—	133
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.12	1.01	0.92	16.8	0.00	0.00	3.06	3.06	0.00	0.72	0.72	—	3,229	3,229	0.14	0.11	11.1	3,276
Vendor	0.24	0.05	2.59	1.40	0.02	0.04	0.68	0.71	0.04	0.19	0.22	—	2,396	2,396	0.17	0.37	6.33	2,517
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	1.06	0.94	1.03	12.7	0.00	0.00	3.06	3.06	0.00	0.72	0.72	—	2,961	2,961	0.05	0.12	0.29	2,997

Vendor	0.24	0.05	2.69	1.42	0.02	0.04	0.68	0.71	0.04	0.19	0.22	—	2,398	2,398	0.17	0.37	0.16	2,512
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	0.32	0.29	0.34	4.09	0.00	0.00	0.93	0.93	0.00	0.22	0.22	—	917	917	0.01	0.04	1.46	929
Vendor	0.07	0.01	0.83	0.43	0.01	0.01	0.21	0.22	0.01	0.06	0.07	—	732	732	0.05	0.11	0.83	767
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	0.06	0.05	0.06	0.75	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	152	152	< 0.005	0.01	0.24	154
Vendor	0.01	< 0.005	0.15	0.08	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	121	121	0.01	0.02	0.14	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

3.10. Building Construction (2026) - 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	0.37	0.35	2.94	16.2	0.03	0.08	—	0.08	0.08	—	0.08	—	2,630	2,630	0.11	0.02	—	2,639
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.37	0.35	2.94	16.2	0.03	0.08	—	0.08	0.08	—	0.08	—	2,630	2,630	0.11	0.02	—	2,639
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	0.11	0.90	4.94	0.01	0.02	—	0.02	0.02	—	0.02	—	803	803	0.03	0.01	—	806
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.16	0.90	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	133	133	0.01	< 0.005	—	133
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	1.12	1.01	0.92	16.8	0.00	0.00	3.06	3.06	0.00	0.72	0.72	—	3,229	3,229	0.14	0.11	11.1	3,276
Vendor	0.24	0.05	2.59	1.40	0.02	0.04	0.68	0.71	0.04	0.19	0.22	—	2,396	2,396	0.17	0.37	6.33	2,517
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	1.06	0.94	1.03	12.7	0.00	0.00	3.06	3.06	0.00	0.72	0.72	—	2,961	2,961	0.05	0.12	0.29	2,997
Vendor	0.24	0.05	2.69	1.42	0.02	0.04	0.68	0.71	0.04	0.19	0.22	—	2,398	2,398	0.17	0.37	0.16	2,512
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	0.32	0.29	0.34	4.09	0.00	0.00	0.93	0.93	0.00	0.22	0.22	—	917	917	0.01	0.04	1.46	929
Vendor	0.07	0.01	0.83	0.43	0.01	0.01	0.21	0.22	0.01	0.06	0.07	—	732	732	0.05	0.11	0.83	767
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	0.06	0.05	0.06	0.75	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	152	152	< 0.005	0.01	0.24	154

Vendor	0.01	< 0.005	0.15	0.08	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	121	121	0.01	0.02	0.14	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

3.11. Paving (2026) - 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	0.91	0.76	7.12	9.94	0.01	0.32	—	0.32	0.29	—	0.29	—	1,511	1,511	0.06	0.01	—	1,516
Paving	—	0.92	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.07	0.68	0.95	< 0.005	0.03	—	0.03	0.03	—	0.03	—	145	145	0.01	< 0.005	—	145
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	0.02	0.01	0.12	0.17	< 0.005	0.01	—	0.01	0.01	—	0.01	—	24.0	24.0	< 0.005	< 0.005	—	24.1
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	0.07	0.06	0.06	1.08	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	207	207	0.01	0.01	0.71	210
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.08	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	18.5	18.5	< 0.005	< 0.005	0.03	18.7
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.06	3.06	< 0.005	< 0.005	< 0.005	3.10
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.12. Paving (2026) - 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	0.16	0.16	1.93	10.6	0.01	0.03	—	0.03	0.03	—	0.03	—	1,511	1,511	0.06	0.01	—	1,516
Paving	—	0.92	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.19	1.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	145	145	0.01	< 0.005	—	145
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	< 0.005	< 0.005	0.03	0.19	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	24.0	24.0	< 0.005	< 0.005	—	24.1
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	0.07	0.06	0.06	1.08	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	207	207	0.01	0.01	0.71	210
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.08	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	18.5	18.5	< 0.005	< 0.005	0.03	18.7
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.06	3.06	< 0.005	< 0.005	< 0.005	3.10
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.13. Architectural Coating (2026) - 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	0.19	0.16	1.14	1.51	< 0.005	0.03	—	0.03	0.03	—	0.03	—	178	178	0.01	< 0.005	—	179
Architectural Coatings	—	78.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.11	0.14	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	17.1	17.1	< 0.005	< 0.005	—	17.1
Architectural Coatings	—	7.48	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.83	2.83	< 0.005	< 0.005	—	2.84
Architectural Coatings	—	1.37	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.22	0.20	0.18	3.37	0.00	0.00	0.61	0.61	0.00	0.14	0.14	—	646	646	0.03	0.02	2.21	655
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.26	0.00	0.00	0.06	0.06	0.00	0.01	0.01	—	57.6	57.6	< 0.005	< 0.005	0.09	58.4
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	9.53	9.53	< 0.005	< 0.005	0.02	9.66
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.14. Architectural Coating (2026) - 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	0.03	0.03	0.86	1.28	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	178	178	0.01	< 0.005	—	179
Architectural Coatings	—	19.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.08	0.12	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	17.1	17.1	< 0.005	< 0.005	—	17.1
Architectural Coatings	—	1.82	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	2.83	2.83	< 0.005	< 0.005	—	2.84
Architectural Coatings	—	0.33	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.22	0.20	0.18	3.37	0.00	0.00	0.61	0.61	0.00	0.14	0.14	—	646	646	0.03	0.02	2.21	655
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.26	0.00	0.00	0.06	0.06	0.00	0.01	0.01	—	57.6	57.6	< 0.005	< 0.005	0.09	58.4
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	9.53	9.53	< 0.005	< 0.005	0.02	9.66
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

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

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

Unrefrige Warehouse-No Rail	2.38	2.23	1.01	19.4	0.04	0.02	3.84	3.86	0.02	0.97	0.99	—	3,996	3,996	0.17	0.11	12.9	4,045
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
User Defined Industrial	1.08	0.24	11.0	6.25	0.10	0.16	3.36	3.52	0.15	0.90	1.05	—	10,717	10,717	0.82	1.61	29.7	11,248
Total	3.46	2.47	12.0	25.6	0.14	0.18	7.20	7.38	0.17	1.87	2.04	—	14,713	14,713	0.98	1.72	42.6	15,293
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	2.26	2.11	1.11	16.3	0.04	0.02	3.84	3.86	0.02	0.97	0.99	—	3,683	3,683	0.18	0.12	0.33	3,723
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
User Defined Industrial	1.07	0.23	11.5	6.26	0.10	0.16	3.36	3.52	0.15	0.90	1.05	—	10,719	10,719	0.81	1.61	0.77	11,221
Total	3.34	2.34	12.6	22.5	0.13	0.18	7.20	7.38	0.17	1.87	2.04	—	14,403	14,403	0.99	1.73	1.10	14,944
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.37	0.34	0.19	2.77	0.01	< 0.005	0.63	0.63	< 0.005	0.16	0.16	—	555	555	0.03	0.02	0.83	562

Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
User Defined Industrial	0.18	0.04	1.90	1.02	0.02	0.03	0.55	0.57	0.02	0.15	0.17	—	1,594	1,594	0.12	0.24	1.90	1,670
Total	0.54	0.38	2.09	3.79	0.02	0.03	1.17	1.20	0.03	0.30	0.33	—	2,149	2,149	0.15	0.26	2.73	2,232

4.1.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	2.38	2.23	1.01	19.4	0.04	0.02	3.84	3.86	0.02	0.97	0.99	—	3,996	3,996	0.17	0.11	12.9	4,045
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
User Defined Industrial	1.08	0.24	11.0	6.25	0.10	0.16	3.36	3.52	0.15	0.90	1.05	—	10,717	10,717	0.82	1.61	29.7	11,248
Total	3.46	2.47	12.0	25.6	0.14	0.18	7.20	7.38	0.17	1.87	2.04	—	14,713	14,713	0.98	1.72	42.6	15,293
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrige Warehouse-No Rail	2.26	2.11	1.11	16.3	0.04	0.02	3.84	3.86	0.02	0.97	0.99	—	3,683	3,683	0.18	0.12	0.33	3,723
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
User Defined Industrial	1.07	0.23	11.5	6.26	0.10	0.16	3.36	3.52	0.15	0.90	1.05	—	10,719	10,719	0.81	1.61	0.77	11,221
Total	3.34	2.34	12.6	22.5	0.13	0.18	7.20	7.38	0.17	1.87	2.04	—	14,403	14,403	0.99	1.73	1.10	14,944
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.37	0.34	0.19	2.77	0.01	< 0.005	0.63	0.63	< 0.005	0.16	0.16	—	555	555	0.03	0.02	0.83	562
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
User Defined Industrial	0.18	0.04	1.90	1.02	0.02	0.03	0.55	0.57	0.02	0.15	0.17	—	1,594	1,594	0.12	0.24	1.90	1,670
Total	0.54	0.38	2.09	3.79	0.02	0.03	1.17	1.20	0.03	0.30	0.33	—	2,149	2,149	0.15	0.26	2.73	2,232

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	814	814	0.08	0.01	—	819
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	130	130	0.01	< 0.005	—	131
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	944	944	0.09	0.01	—	949
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	814	814	0.08	0.01	—	819
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	130	130	0.01	< 0.005	—	131
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	944	944	0.09	0.01	—	949
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrigerated	—	—	—	—	—	—	—	—	—	—	—	—	135	135	0.01	< 0.005	—	136
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	21.5	21.5	< 0.005	< 0.005	—	21.6
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	156	156	0.01	< 0.005	—	157

4.2.2. Electricity Emissions By Land Use - Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	698	698	0.07	0.01	—	703
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	130	130	0.01	< 0.005	—	131
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	828	828	0.08	0.01	—	833

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	698	698	0.07	0.01	—	703
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	130	130	0.01	< 0.005	—	131
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	828	828	0.08	0.01	—	833
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	116	116	0.01	< 0.005	—	116
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	21.5	21.5	< 0.005	< 0.005	—	21.6
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	137	137	0.01	< 0.005	—	138

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

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

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

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.2.4. Natural Gas Emissions By Land Use - Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.3. Area Emissions by Source

4.3.1. Unmitigated

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

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	12.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.75	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	4.31	3.98	0.20	24.2	< 0.005	0.04	—	0.04	0.03	—	0.03	—	99.6	99.6	< 0.005	< 0.005	—	100.0
Total	4.31	16.7	0.20	24.2	< 0.005	0.04	—	0.04	0.03	—	0.03	—	99.6	99.6	< 0.005	< 0.005	—	100.0
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	12.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.75	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	12.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	2.18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Architectural	—	0.14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.54	0.50	0.03	3.03	< 0.005	0.01	—	0.01	< 0.005	—	< 0.005	—	11.3	11.3	< 0.005	< 0.005	—	11.3
Total	0.54	2.82	0.03	3.03	< 0.005	0.01	—	0.01	< 0.005	—	< 0.005	—	11.3	11.3	< 0.005	< 0.005	—	11.3

4.3.2. Mitigated

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

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	12.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	4.31	3.98	0.20	24.2	< 0.005	0.04	—	0.04	0.03	—	0.03	—	99.6	99.6	< 0.005	< 0.005	—	100.0
Total	4.31	16.1	0.20	24.2	< 0.005	0.04	—	0.04	0.03	—	0.03	—	99.6	99.6	< 0.005	< 0.005	—	100.0
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	12.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Total	—	12.1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	2.18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.03	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.54	0.50	0.03	3.03	< 0.005	0.01	—	0.01	< 0.005	—	< 0.005	—	11.3	11.3	< 0.005	< 0.005	—	11.3
Total	0.54	2.71	0.03	3.03	< 0.005	0.01	—	0.01	< 0.005	—	< 0.005	—	11.3	11.3	< 0.005	< 0.005	—	11.3

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	247	844	1,091	25.4	0.61	—	1,908
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	247	844	1,091	25.4	0.61	—	1,908
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	247	844	1,091	25.4	0.61	—	1,908
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	247	844	1,091	25.4	0.61	—	1,908
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	40.9	140	181	4.20	0.10	—	316
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	40.9	140	181	4.20	0.10	—	316

4.4.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	226	774	1,000	23.2	0.56	—	1,747
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	226	774	1,000	23.2	0.56	—	1,747
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	226	774	1,000	23.2	0.56	—	1,747
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	226	774	1,000	23.2	0.56	—	1,747
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	37.4	128	165	3.85	0.09	—	289
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	37.4	128	165	3.85	0.09	—	289

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	282	0.00	282	28.2	0.00	—	987

Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	282	0.00	282	28.2	0.00	—	987
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	282	0.00	282	28.2	0.00	—	987
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	282	0.00	282	28.2	0.00	—	987
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	46.7	0.00	46.7	4.67	0.00	—	163
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	46.7	0.00	46.7	4.67	0.00	—	163

4.5.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	282	0.00	282	28.2	0.00	—	987
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	282	0.00	282	28.2	0.00	—	987
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrigerated Warehouse-No	—	—	—	—	—	—	—	—	—	—	—	282	0.00	282	28.2	0.00	—	987
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	282	0.00	282	28.2	0.00	—	987
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	46.7	0.00	46.7	4.67	0.00	—	163
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	46.7	0.00	46.7	4.67	0.00	—	163

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

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

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

4.6.2. Mitigated

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

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

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

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

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Tractors/ Loaders/ Backhoes	0.74	0.62	5.00	4.78	0.02	0.20	—	0.20	0.18	—	0.18	—	2,066	2,066	0.08	0.02	—	2,073
Total	0.74	0.62	5.00	4.78	0.02	0.20	—	0.20	0.18	—	0.18	—	2,066	2,066	0.08	0.02	—	2,073
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Tractors/ Loaders/ Backhoes	0.74	0.62	5.00	4.78	0.02	0.20	—	0.20	0.18	—	0.18	—	2,066	2,066	0.08	0.02	—	2,073
Total	0.74	0.62	5.00	4.78	0.02	0.20	—	0.20	0.18	—	0.18	—	2,066	2,066	0.08	0.02	—	2,073
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Tractors/ Loaders/ Backhoes	0.13	0.11	0.91	0.87	< 0.005	0.04	—	0.04	0.03	—	0.03	—	342	342	0.01	< 0.005	—	343
Total	0.13	0.11	0.91	0.87	< 0.005	0.04	—	0.04	0.03	—	0.03	—	342	342	0.01	< 0.005	—	343

4.7.2. Mitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Tractors/ Loaders/ Backhoes	0.74	0.62	5.00	4.78	0.02	0.20	—	0.20	0.18	—	0.18	—	2,066	2,066	0.08	0.02	—	2,073
Total	0.74	0.62	5.00	4.78	0.02	0.20	—	0.20	0.18	—	0.18	—	2,066	2,066	0.08	0.02	—	2,073
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Tractors/ Loaders/ Backhoes	0.74	0.62	5.00	4.78	0.02	0.20	—	0.20	0.18	—	0.18	—	2,066	2,066	0.08	0.02	—	2,073
Total	0.74	0.62	5.00	4.78	0.02	0.20	—	0.20	0.18	—	0.18	—	2,066	2,066	0.08	0.02	—	2,073
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Tractors/ Loaders/ Backhoes	0.13	0.11	0.91	0.87	< 0.005	0.04	—	0.04	0.03	—	0.03	—	342	342	0.01	< 0.005	—	343
Total	0.13	0.11	0.91	0.87	< 0.005	0.04	—	0.04	0.03	—	0.03	—	342	342	0.01	< 0.005	—	343

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

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

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

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

4.8.2. Mitigated

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

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

Fire Pump	0.03	0.02	0.07	0.06	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	11.4	11.4	< 0.005	< 0.005	0.00	11.5
Total	0.03	0.02	0.07	0.06	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	11.4	11.4	< 0.005	< 0.005	0.00	11.5

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

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

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

4.9.2. Mitigated

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

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

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

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

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

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

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

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

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

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

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

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

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

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

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

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

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

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

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

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

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

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Site Preparation	Site Preparation	7/1/2024	7/26/2024	5.00	20.0	—
Grading	Grading	7/29/2024	9/27/2024	5.00	45.0	—

Building Construction	Building Construction	9/30/2024	6/5/2026	5.00	440	—
Paving	Paving	4/20/2026	6/5/2026	5.00	35.0	—
Architectural Coating	Architectural Coating	4/20/2026	6/5/2026	5.00	35.0	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Site Preparation	Rubber Tired Dozers	Diesel	Average	3.00	8.00	367	0.40
Site Preparation	Crawler Tractors	Diesel	Average	4.00	8.00	87.0	0.43
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	4.00	8.00	473	0.48
Grading	Crawler Tractors	Diesel	Average	2.00	8.00	87.0	0.43
Building Construction	Cranes	Diesel	Average	1.00	8.00	367	0.29
Building Construction	Forklifts	Diesel	Average	3.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	3.00	8.00	84.0	0.37
Building Construction	Welders	Diesel	Average	1.00	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

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Site Preparation	Rubber Tired Dozers	Diesel	Tier 4 Final	3.00	8.00	367	0.40
Site Preparation	Crawler Tractors	Diesel	Tier 4 Final	4.00	8.00	87.0	0.43
Grading	Excavators	Diesel	Tier 4 Final	2.00	8.00	36.0	0.38
Grading	Graders	Diesel	Tier 4 Final	1.00	8.00	148	0.41
Grading	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	8.00	367	0.40
Grading	Scrapers	Diesel	Tier 4 Final	4.00	8.00	473	0.48
Grading	Crawler Tractors	Diesel	Tier 4 Final	2.00	8.00	87.0	0.43
Building Construction	Cranes	Diesel	Tier 4 Final	1.00	8.00	367	0.29
Building Construction	Forklifts	Diesel	Tier 4 Final	3.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	3.00	8.00	84.0	0.37
Building Construction	Welders	Diesel	Tier 4 Final	1.00	8.00	46.0	0.45
Paving	Pavers	Diesel	Tier 4 Final	2.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Tier 4 Final	2.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Tier 4 Final	2.00	8.00	36.0	0.38
Architectural Coating	Air Compressors	Diesel	Tier 4 Final	1.00	8.00	37.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation	—	—	—	—
Site Preparation	Worker	17.5	18.5	LDA,LDT1,LDT2
Site Preparation	Vendor	4.00	10.2	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT

Grading	—	—	—	—
Grading	Worker	25.0	18.5	LDA,LDT1,LDT2
Grading	Vendor	8.00	10.2	HHDT,MHDT
Grading	Hauling	0.00	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	234	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	79.0	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	—	10.2	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	46.8	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	10.2	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation	—	—	—	—
Site Preparation	Worker	17.5	18.5	LDA,LDT1,LDT2
Site Preparation	Vendor	4.00	10.2	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT

Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	25.0	18.5	LDA,LDT1,LDT2
Grading	Vendor	8.00	10.2	HHDT,MHDT
Grading	Hauling	0.00	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	234	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	79.0	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	—	10.2	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	46.8	18.5	LDA,LDT1,LDT2
Architectural Coating	Vendor	—	10.2	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	0.00	0.00	835,500	278,500	32,226

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (cy)	Material Exported (cy)	Acres Graded (acres)	Material Demolished (sq. ft.)	Acres Paved (acres)
Site Preparation	—	—	70.0	0.00	—
Grading	—	—	270	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%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Unrefrigerated Warehouse-No Rail	0.00	0%
Parking Lot	3.59	100%
Other Asphalt Surfaces	8.74	100%
User Defined Industrial	0.00	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O

2024	0.00	349	0.03	< 0.005
2025	0.00	349	0.03	< 0.005
2026	0.00	346	0.03	< 0.005

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Unrefrigerated Warehouse-No Rail	658	441	408	215,736	5,511	3,691	3,416	1,807,394
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
User Defined Industrial	124	83.0	76.9	40,719	3,793	2,535	2,347	1,243,561

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Unrefrigerated Warehouse-No Rail	658	441	408	215,736	5,511	3,691	3,416	1,807,394
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
User Defined Industrial	124	83.0	76.9	40,719	3,793	2,535	2,347	1,243,561

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	835,500	278,500	32,226

5.10.3. Landscape Equipment

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

5.10.4. Landscape Equipment - Mitigated

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

5.11. Operational Energy Consumption

5.11.1. Unmitigated

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

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Unrefrigerated Warehouse-No Rail	858,168	346	0.0330	0.0040	0.00
Parking Lot	136,989	346	0.0330	0.0040	0.00
Other Asphalt Surfaces	0.00	346	0.0330	0.0040	0.00

User Defined Industrial	0.00	346	0.0330	0.0040	0.00

5.11.2. Mitigated

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

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Unrefrigerated Warehouse-No Rail	736,412	346	0.0330	0.0040	0.00
Parking Lot	136,989	346	0.0330	0.0040	0.00
Other Asphalt Surfaces	0.00	346	0.0330	0.0040	0.00
User Defined Industrial	0.00	346	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Unrefrigerated Warehouse-No Rail	128,806,250	2,440,184
Parking Lot	0.00	0.00
Other Asphalt Surfaces	0.00	0.00
User Defined Industrial	0.00	0.00

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Unrefrigerated Warehouse-No Rail	117,909,241	2,440,184
Parking Lot	0.00	0.00
Other Asphalt Surfaces	0.00	0.00
User Defined Industrial	0.00	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Unrefrigerated Warehouse-No Rail	524	—
Parking Lot	0.00	—
Other Asphalt Surfaces	0.00	—
User Defined Industrial	0.00	—

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Unrefrigerated Warehouse-No Rail	524	—
Parking Lot	0.00	—
Other Asphalt Surfaces	0.00	—
User Defined Industrial	0.00	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

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

5.14.2. Mitigated

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

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Tractors/Loaders/Backhoes	Diesel	Average	3.00	8.00	200	0.37

5.15.2. Mitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Tractors/Loaders/Backhoes	Diesel	Average	3.00	8.00	200	0.37

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

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

5.16.2. Process Boilers

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

5.17. User Defined

Equipment Type	Fuel Type

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

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

5.18.2.2. Mitigated

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

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

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

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	26.6	annual days of extreme heat

Extreme Precipitation	4.20	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	6.46	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	3	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

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

6.3. Adjusted Climate Risk Scores

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

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

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

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

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	100
AQ-PM	56.7
AQ-DPM	24.6
Drinking Water	85.2
Lead Risk Housing	83.6
Pesticides	0.00

Toxic Releases	47.6
Traffic	15.7
Effect Indicators	—
CleanUp Sites	70.5
Groundwater	3.30
Haz Waste Facilities/Generators	16.6
Impaired Water Bodies	12.5
Solid Waste	9.67
Sensitive Population	—
Asthma	71.5
Cardio-vascular	75.6
Low Birth Weights	79.9
Socioeconomic Factor Indicators	—
Education	92.2
Housing	95.6
Linguistic	83.4
Poverty	94.7
Unemployment	98.2

7.2. Healthy Places Index Scores

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

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	1.398691133
Employed	9.264724753
Median HI	5.184139612
Education	—

Bachelor's or higher	3.259335301
High school enrollment	24.5989991
Preschool enrollment	33.63274734
Transportation	—
Auto Access	22.93083537
Active commuting	38.53458232
Social	—
2-parent households	27.3193892
Voting	3.041190812
Neighborhood	—
Alcohol availability	37.25137944
Park access	26.96009239
Retail density	32.54202489
Supermarket access	70.2681894
Tree canopy	4.452713974
Housing	—
Homeownership	32.73450533
Housing habitability	14.29488002
Low-inc homeowner severe housing cost burden	25.66405749
Low-inc renter severe housing cost burden	9.790837931
Uncrowded housing	8.212498396
Health Outcomes	—
Insured adults	6.223533941
Arthritis	94.7
Asthma ER Admissions	19.4
High Blood Pressure	84.3
Cancer (excluding skin)	99.1

Asthma	3.8
Coronary Heart Disease	88.8
Chronic Obstructive Pulmonary Disease	23.6
Diagnosed Diabetes	61.5
Life Expectancy at Birth	4.8
Cognitively Disabled	58.3
Physically Disabled	50.9
Heart Attack ER Admissions	26.0
Mental Health Not Good	2.0
Chronic Kidney Disease	79.8
Obesity	8.0
Pedestrian Injuries	41.1
Physical Health Not Good	14.8
Stroke	64.5
Health Risk Behaviors	—
Binge Drinking	18.0
Current Smoker	0.4
No Leisure Time for Physical Activity	14.6
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	10.6
Elderly	97.6
English Speaking	22.8
Foreign-born	66.5
Outdoor Workers	20.4
Climate Change Adaptive Capacity	—

Impervious Surface Cover	72.0
Traffic Density	26.1
Traffic Access	23.0
Other Indices	—
Hardship	96.9
Other Decision Support	—
2016 Voting	2.5

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	82.0
Healthy Places Index Score for Project Location (b)	3.00
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	Yes
Project Located in a Low-Income Community (Assembly Bill 1550)	Yes
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

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

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification

Land Use	SF taken from site plan
Construction: Construction Phases	Client provided contraction schedule Building Construction, Paving, and Architectural Coating overlap to present a conservative analysis
Construction: Off-Road Equipment	T/L/B replaced with Crawler Tractor to accurately calculate disturbance for Site Preparation and Grading phases Standard 8 hours work days Scraper HP was adjusted to 473 HP per client provided equipment (CAT 657 push/pull)
Construction: Trips and VMT	Vendor Trips adjusted based on CalEEMod defaults for Building Construction and number of days for Site Preparation, Grading, and Building Construction
Operations: Vehicle Data	Trip characteristics based on information provided in the Traffic Analysis
Operations: Fleet Mix	Passenger Car Mix estimated based on CalEEMod default fleet mix and the ratio of the vehicle classes (LDA, LDT1, LDT2, MDV, MCY). Truck Fleet Mix based on 2, 3 and 4 axle trucks
Operations: Energy Use	Per client provided data, natural gas will not be utilized
Operations: Off-Road Equipment	On-site equipment modeled at 200 HP
Construction: Architectural Coatings	SCAQMD Rule 1113
Operations: Architectural Coatings	SCAQMD Rule 1113

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APPENDIX 2.2:

EMFAC EMISSIONS SUMMARY

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Without PDFs

Emissions	Phase	Lb/Day	# Days	Emissions	Avg/Lb Day	Avg/Hourly
On-Site	Site Preparation	2.25	20	45	2.25	0.28125
Exhaust PM-10	Grading	2.56	45	115.2	2.56	0.32
	Building Construction	0.47	440	208.2666667	0.473333333	0.059166667
	Paving	0.32	35	11.2	0.32	0.04
	Architectural Coating	0.03	35	1.05	0.03	0.00375
		5.63	505	380.7166667	0.753894389	0.094236799
Off-Site	Site Preparation	5.00E-03	20	0.1	0.005	0.000625
Exhaust PM-10	Grading	5.00E-03	45	0.225	0.005	0.000625
	Building Construction	4.00E-02	440	17.6	0.04	0.005
	Paving	0.00E+00	35	0	0	0
	Architectural Coating	0.00E+00	35	0	0	0
		5.00E-02	505	17.925	0.03549505	0.004436881

Phase	Start Date	End Date	No. Days
Site Preparation	7/1/2024	7/26/2024	20
Grading	7/29/2024	9/27/2024	45
Building Construction	9/30/2024	6/5/2026	440
Paving	4/20/2026	6/5/2026	35
Architectural Coating	4/20/2026	6/5/2026	35
		Total Days of Construction	**505**

With PDFs

Emissions	Phase	Lb/Day	# Days	Emissions	Avg/Lb Day	Avg/Hourly
On-Site	Site Preparation	0.10	20	2	0.1	0.0125
Exhaust PM-10	Grading	0.21	45	9.45	0.21	0.02625
	Building Construction	0.08	440	35.2	0.08	0.01
	Paving	0.03	35	1.05	0.03	0.00375
	Architectural Coating	0.01	35	0.175	0.005	0.000625
		0.43	505	47.875	0.09480198	0.011850248
Off-Site	Site Preparation	5.00E-03	20	0.1	0.005	0.000625
Exhaust PM-10	Grading	5.00E-03	45	0.225	0.005	0.000625
	Building Construction	4.00E-02	440	17.6	0.04	0.005
	Paving	0.00E+00	35	0	0	0
	Architectural Coating	0.00E+00	35	0	0	0
		5.00E-02	505	17.925	0.03549505	0.004436881

Phase	Start Date	End Date	No. Days
Site Preparation	7/1/2024	7/26/2024	20
Grading	7/29/2024	9/27/2024	45
Building Construction	9/30/2024	6/5/2026	440
Paving	4/20/2026	6/5/2026	35
Architectural Coating	4/20/2026	6/5/2026	35
		Total Days of Construction	**505**

AVERAGE EMISSION FACTOR
SAN BERNARDINO COUNTY 2026

Speed	LHD1	LHD2	MHD	HHD
0	0.320611	0.512342	0.03572	0.01196
5	0.034636	0.050975	0.021712	0.01100
25	0.016201	0.024675	0.005965	0.00538

Speed	**Weighted Average Emissions**
0	**0.07336**
5	**0.01763**
25	**0.00754**

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 - Loading Docks	62			0.0734	1.14	1.316E-05
On-Site Idling - Parking Area	62			0.0734	1.14	1.316E-05
On-Site Travel 100%	124	42.12	0.0176		0.74	8.594E-06
On-Site Travel 5%	6	0.55	0.0176		0.01	1.113E-07
Off-Site Travel - 5th St. 15% W. Inbound/Outbound	19	19.33	0.0075		0.15	1.688E-06
Off-Site Travel - Lankershim Ave. 5% Inbound/Outbound	6	2.62	0.0075		0.02	2.288E-07
Off-Site Travel - 5th St. 15% Inbound/Outbound	19	5.75	0.0075		0.04	5.017E-07
Off-Site Travel - 5th St. 80% W. Inbound/Outbound	99	64.07	0.0075		0.48	5.593E-06
Off-Site Travel - 5th St. 80% E. Inbound/Outbound	99	98.44	0.0075		0.74	8.594E-06
Off-Site Travel - 5th St. 67% Inbound/Outbound	83	50.64	0.0075		0.38	4.421E-06
Off-Site Travel - 5th St. 5% Inbound/Outbound	6	4.63	0.0075		0.03	4.042E-07
Off-Site Travel - Palm Ave. 8% Inbound/Outbound	10	4.06	0.0075		0.03	3.540E-07
Off-Site Travel - Palm Ave. 8% Inbound/Outbound	6	2.26	0.0075		0.02	1.970E-07

[a] Vehicle miles traveled are for modeled truck route only.

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

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

calendar_y	season_m	sub_area	vehicle_class	fuel	temperatu	relative_hu	process	speed_tim	pollutant	emission_rate
2026	Annual	San Berna	HHDT	Dsl	60	70	RUNEX	5	PM10	0.012936
2026	Annual	San Berna	HHDT	Dsl	60	70	RUNEX	25	PM10	0.006327
2026	Annual	San Berna	HHDT	Dsl			IDLEX		PM10	0.014059
2026	Annual	San Berna	LHDT1	Dsl	60	70	RUNEX	5	PM10	0.085681
2026	Annual	San Berna	LHDT1	Dsl	60	70	RUNEX	25	PM10	0.040078
2026	Annual	San Berna	LHDT1	Dsl			IDLEX		PM10	0.793123
2026	Annual	San Berna	LHDT2	Dsl	60	70	RUNEX	5	PM10	0.079502
2026	Annual	San Berna	LHDT2	Dsl	60	70	RUNEX	25	PM10	0.038484
2026	Annual	San Berna	LHDT2	Dsl			IDLEX		PM10	0.799065
2026	Annual	San Berna	MHDT	Dsl	60	70	RUNEX	5	PM10	0.023641
2026	Annual	San Berna	MHDT	Dsl	60	70	RUNEX	25	PM10	0.006496
2026	Annual	San Berna	MHDT	Dsl			IDLEX		PM10	0.038894

Source: EMFAC2021 (v1.0.2) Emissions Inventory
Region Type: Sub-Area
Region: San Bernardino (SC)
Calendar Year: 2026
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for CVMT and EVMT, trips/day for Trips, kWh/day for Energy Consumption, tons/day for Emissions, 1000 gallons/day for Fuel Consumption

Region	Calendar `	Vehicle Ca	Model Yea	Speed	Fuel	Population
San Berna	2026	HHDT	Aggregate	Aggregate	Gasoline	2.62864
San Berna	2026	HHDT	Aggregate	Aggregate	Diesel	15084.8
San Berna	2026	HHDT	Aggregate	Aggregate	Natural Ga	2643.96
San Berna	2026	LHDT1	Aggregate	Aggregate	Gasoline	16791.8
San Berna	2026	LHDT1	Aggregate	Aggregate	Diesel	11393.7
San Berna	2026	LHDT2	Aggregate	Aggregate	Gasoline	2763.22
San Berna	2026	LHDT2	Aggregate	Aggregate	Diesel	4937.58
San Berna	2026	MHDT	Aggregate	Aggregate	Gasoline	1396.24
San Berna	2026	MHDT	Aggregate	Aggregate	Diesel	15710.2
San Berna	2026	MHDT	Aggregate	Aggregate	Natural Ga	220.209

HHDT% GAS/NG	0.14926
HHDT% DSL	0.85074
LHDT1% GAS	0.59576
LHDT1% DSL	0.40424
LHDT2% GAS	0.35882
LHDT2% DSL	0.64118
MHDT% GAS	0.08162
MHDT% DSL	0.91838

Operational Off-Road Equipment

0.20	PM10 Emissions (lb/day)
0.05	PM10 Emissions (lb/hr)
7	No. of Volume Sources
0.007143	PM10 Emissions per Volume Source (lb/hr)

Emergency Generators

0.14	PM10 Emissions (lb/day)
0.035	PM10 Emissions (lb/hr)
1	No. of Point Sources (Generators)
0.035	PM10 Emissions per Volume Source (lb/hr)

APPENDIX 2.3:

AERMOD MODEL INPUT/OUTPUT

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 11.2.0
** Lakes Environmental Software Inc.
** Date: 11/7/2023
** File: C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and Sterling\14057 Cons Without
PDFs\14057 Cons Without PDFs.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and Sterling\14057 Op
   MODELOPT DFAULT CONC
   AVERTIME PERIOD
   URBANOPT 2035210 San_Bernardino_County
   POLLUTID DPM
   RUNORNOT RUN
   ERRORFIL "14057 Cons Without PDFs.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL8         VOLUME     477568.193  3774357.402      336.760
   LOCATION VOL9         VOLUME     477568.666  3774297.864      336.630
   LOCATION VOL10        VOLUME     477568.666  3774237.855      336.000
   LOCATION VOL11        VOLUME     478095.045  3774249.668      340.170
   LOCATION VOL12        VOLUME     477632.613  3774238.012      337.000
   LOCATION VOL13        VOLUME     477632.140  3774357.559      337.000
   LOCATION VOL14        VOLUME     477632.613  3774298.021      337.000
   LOCATION VOL15        VOLUME     477695.929  3774238.957      337.000
   LOCATION VOL16        VOLUME     477695.456  3774358.504      337.000
   LOCATION VOL17        VOLUME     477695.929  3774298.966      337.000
   LOCATION VOL18        VOLUME     477759.719  3774239.429      338.000
   LOCATION VOL19        VOLUME     477759.246  3774358.977      338.000
   LOCATION VOL20        VOLUME     477759.719  3774299.438      338.000
   LOCATION VOL21        VOLUME     477823.508  3774239.429      338.000
   LOCATION VOL22        VOLUME     477823.035  3774358.977      338.000
   LOCATION VOL23        VOLUME     477823.508  3774299.438      338.000
   LOCATION VOL24        VOLUME     477887.770  3774239.429      338.590
   LOCATION VOL25        VOLUME     477887.297  3774358.977      339.000
   LOCATION VOL26        VOLUME     477887.770  3774299.438      339.000
   LOCATION VOL27        VOLUME     477951.559  3774238.957      339.000
   LOCATION VOL28        VOLUME     477951.086  3774358.504      339.370
   LOCATION VOL29        VOLUME     477951.559  3774298.966      339.000
   LOCATION VOL30        VOLUME     478015.348  3774240.374      340.000
   LOCATION VOL31        VOLUME     478014.875  3774359.922      340.000
   LOCATION VOL32        VOLUME     478015.348  3774300.384      340.000
   LOCATION VOL33        VOLUME     478040.392  3774242.737      340.000
   LOCATION VOL34        VOLUME     478039.918  3774362.285      340.000
   LOCATION VOL35        VOLUME     478040.392  3774302.746      340.000
** ----------------------------------------------------------------------
```

```
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE1
** DESCRSRC
** PREFIX
** Length of Side = 14.00
** Configuration = Adjacent
** Emission Rate = 0.0005590376
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 15
** 477542.518, 3774194.492, 336.00, 3.49, 6.51
** 478308.912, 3774207.573, 342.00, 3.49, 6.51
** 478395.862, 3774204.495, 342.13, 3.49, 6.51
** 478759.053, 3774206.804, 345.00, 3.49, 6.51
** 479183.802, 3774204.495, 348.86, 3.49, 6.51
** 479660.105, 3774202.957, 352.87, 3.49, 6.51
** 479828.619, 3774199.879, 353.03, 3.49, 6.51
** 479932.498, 3774199.879, 354.00, 3.49, 6.51
** 479998.672, 3774196.801, 354.97, 3.49, 6.51
** 480525.761, 3774152.171, 360.93, 3.49, 6.51
** 480760.450, 3774133.704, 363.99, 3.49, 6.51
** 481042.846, 3774110.620, 366.33, 3.49, 6.51
** 481165.192, 3774103.695, 367.95, 3.49, 6.51
** 481255.990, 3774112.159, 368.95, 3.49, 6.51
** 481721.520, 3774149.093, 374.90, 3.49, 6.51
** ----------------------------------------------------------------------
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   LOCATION L0000003     VOLUME   477577.513 3774195.090 336.00
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   LOCATION L0000005     VOLUME   477605.509 3774195.567 336.00
   LOCATION L0000006     VOLUME   477619.507 3774195.806 336.32
   LOCATION L0000007     VOLUME   477633.505 3774196.045 336.78
   LOCATION L0000008     VOLUME   477647.503 3774196.284 337.00
   LOCATION L0000009     VOLUME   477661.501 3774196.523 337.00
   LOCATION L0000010     VOLUME   477675.499 3774196.762 337.00
   LOCATION L0000011     VOLUME   477689.497 3774197.001 337.00
   LOCATION L0000012     VOLUME   477703.495 3774197.240 337.00
   LOCATION L0000013     VOLUME   477717.492 3774197.479 337.00
   LOCATION L0000014     VOLUME   477731.490 3774197.718 337.00
   LOCATION L0000015     VOLUME   477745.488 3774197.957 337.03
   LOCATION L0000016     VOLUME   477759.486 3774198.196 337.06
   LOCATION L0000017     VOLUME   477773.484 3774198.435 337.49
   LOCATION L0000018     VOLUME   477787.482 3774198.673 337.93
   LOCATION L0000019     VOLUME   477801.480 3774198.912 338.00
   LOCATION L0000020     VOLUME   477815.478 3774199.151 338.00
   LOCATION L0000021     VOLUME   477829.476 3774199.390 338.00
   LOCATION L0000022     VOLUME   477843.474 3774199.629 338.00
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   LOCATION L0000027     VOLUME   477913.464 3774200.824 339.00
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   LOCATION L0000029     VOLUME   477941.460 3774201.302 339.00
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   LOCATION L0000038     VOLUME   478067.441 3774203.452 340.00
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```

LOCATION L0000041 VOLUME 478109.435 3774204.169 340.65
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LOCATION L0000044 VOLUME 478151.429 3774204.885 341.00
LOCATION L0000045 VOLUME 478165.427 3774205.124 341.00
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LOCATION L0000049 VOLUME 478221.419 3774206.080 341.39
LOCATION L0000050 VOLUME 478235.417 3774206.319 341.85
LOCATION L0000051 VOLUME 478249.415 3774206.558 342.00
LOCATION L0000052 VOLUME 478263.413 3774206.797 342.00
LOCATION L0000053 VOLUME 478277.411 3774207.036 342.00
LOCATION L0000054 VOLUME 478291.409 3774207.275 342.00
LOCATION L0000055 VOLUME 478305.407 3774207.514 342.00
LOCATION L0000056 VOLUME 478319.400 3774207.202 342.00
LOCATION L0000057 VOLUME 478333.391 3774206.707 342.00
LOCATION L0000058 VOLUME 478347.382 3774206.212 342.00
LOCATION L0000059 VOLUME 478361.373 3774205.716 342.02
LOCATION L0000060 VOLUME 478375.365 3774205.221 342.15
LOCATION L0000061 VOLUME 478389.356 3774204.726 342.28
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LOCATION L0000065 VOLUME 478445.351 3774204.810 343.00
LOCATION L0000066 VOLUME 478459.351 3774204.899 343.00
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LOCATION L0000073 VOLUME 478557.349 3774205.522 344.00
LOCATION L0000074 VOLUME 478571.348 3774205.611 344.00
LOCATION L0000075 VOLUME 478585.348 3774205.700 344.00
LOCATION L0000076 VOLUME 478599.348 3774205.789 344.00
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LOCATION L0000078 VOLUME 478627.347 3774205.967 344.00
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LOCATION L0000080 VOLUME 478655.347 3774206.145 344.00
LOCATION L0000081 VOLUME 478669.346 3774206.234 344.32
LOCATION L0000082 VOLUME 478683.346 3774206.323 344.78
LOCATION L0000083 VOLUME 478697.346 3774206.412 345.00
LOCATION L0000084 VOLUME 478711.345 3774206.501 345.00
LOCATION L0000085 VOLUME 478725.345 3774206.590 345.00
LOCATION L0000086 VOLUME 478739.345 3774206.679 345.00
LOCATION L0000087 VOLUME 478753.345 3774206.768 345.00
LOCATION L0000088 VOLUME 478767.344 3774206.759 345.00
LOCATION L0000089 VOLUME 478781.344 3774206.683 345.00
LOCATION L0000090 VOLUME 478795.344 3774206.607 345.00
LOCATION L0000091 VOLUME 478809.344 3774206.531 345.00
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LOCATION L0000234 VOLUME 480808.464 3774129.779 364.00
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LOCATION L0000237 VOLUME 480850.325 3774126.357 364.34
LOCATION L0000238 VOLUME 480864.278 3774125.217 364.67

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   LOCATION L0000264     VOLUME   481227.218 3774109.477 368.58
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   LOCATION L0000271     VOLUME   481324.877 3774117.624 369.83
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** End of LINE VOLUME Source ID = SLINE1
** Source Parameters **
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   SRCPARAM VOL9         0.0004241089     5.000    14.726     1.400
   SRCPARAM VOL10        0.0004241089     5.000    14.726     1.400
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   SRCPARAM VOL12        0.0004241089     5.000    14.726     1.400
   SRCPARAM VOL13        0.0004241089     5.000    14.726     1.400
   SRCPARAM VOL14        0.0004241089     5.000    14.726     1.400
   SRCPARAM VOL15        0.0004241089     5.000    14.726     1.400
   SRCPARAM VOL16        0.0004241089     5.000    14.726     1.400
   SRCPARAM VOL17        0.0004241089     5.000    14.726     1.400
   SRCPARAM VOL18        0.0004241089     5.000    14.726     1.400
   SRCPARAM VOL19        0.0004241089     5.000    14.726     1.400
   SRCPARAM VOL20        0.0004241089     5.000    14.726     1.400
   SRCPARAM VOL21        0.0004241089     5.000    14.726     1.400
   SRCPARAM VOL22        0.0004241089     5.000    14.726     1.400
   SRCPARAM VOL23        0.0004241089     5.000    14.726     1.400
   SRCPARAM VOL24        0.0004241089     5.000    14.726     1.400
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   SRCPARAM VOL26        0.0004241089     5.000    14.726     1.400
   SRCPARAM VOL27        0.0004241089     5.000    14.726     1.400
   SRCPARAM VOL28        0.0004241089     5.000    14.726     1.400
   SRCPARAM VOL29        0.0004241089     5.000    14.726     1.400
   SRCPARAM VOL30        0.0004241089     5.000    14.726     1.400
   SRCPARAM VOL31        0.0004241089     5.000    14.726     1.400
   SRCPARAM VOL32        0.0004241089     5.000    14.726     1.400
   SRCPARAM VOL33        0.0004241089     5.000    14.726     1.400
   SRCPARAM VOL34        0.0004241089     5.000    14.726     1.400
   SRCPARAM VOL35        0.0004241089     5.000    14.726     1.400
** LINE VOLUME Source ID = SLINE1
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   SRCPARAM L0000040     0.00000187      3.49      6.51      3.25
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SRCPARAM L0000087     0.00000187      3.49      6.51      3.25
SRCPARAM L0000088     0.00000187      3.49      6.51      3.25
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SRCPARAM L0000090     0.00000187      3.49      6.51      3.25
SRCPARAM L0000091     0.00000187      3.49      6.51      3.25
SRCPARAM L0000092     0.00000187      3.49      6.51      3.25
SRCPARAM L0000093     0.00000187      3.49      6.51      3.25
SRCPARAM L0000094     0.00000187      3.49      6.51      3.25
SRCPARAM L0000095     0.00000187      3.49      6.51      3.25
SRCPARAM L0000096     0.00000187      3.49      6.51      3.25
SRCPARAM L0000097     0.00000187      3.49      6.51      3.25
SRCPARAM L0000098     0.00000187      3.49      6.51      3.25
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SRCPARAM L0000100     0.00000187      3.49      6.51      3.25
SRCPARAM L0000101     0.00000187      3.49      6.51      3.25
SRCPARAM L0000102     0.00000187      3.49      6.51      3.25
SRCPARAM L0000103     0.00000187      3.49      6.51      3.25
SRCPARAM L0000104     0.00000187      3.49      6.51      3.25
SRCPARAM L0000105     0.00000187      3.49      6.51      3.25
SRCPARAM L0000106     0.00000187      3.49      6.51      3.25
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SRCPARAM L0000107     0.00000187      3.49      6.51      3.25
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SRCPARAM L0000109     0.00000187      3.49      6.51      3.25
SRCPARAM L0000110     0.00000187      3.49      6.51      3.25
SRCPARAM L0000111     0.00000187      3.49      6.51      3.25
SRCPARAM L0000112     0.00000187      3.49      6.51      3.25
SRCPARAM L0000113     0.00000187      3.49      6.51      3.25
SRCPARAM L0000114     0.00000187      3.49      6.51      3.25
SRCPARAM L0000115     0.00000187      3.49      6.51      3.25
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SRCPARAM L0000117     0.00000187      3.49      6.51      3.25
SRCPARAM L0000118     0.00000187      3.49      6.51      3.25
SRCPARAM L0000119     0.00000187      3.49      6.51      3.25
SRCPARAM L0000120     0.00000187      3.49      6.51      3.25
SRCPARAM L0000121     0.00000187      3.49      6.51      3.25
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SRCPARAM L0000124     0.00000187      3.49      6.51      3.25
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SRCPARAM L0000132     0.00000187      3.49      6.51      3.25
SRCPARAM L0000133     0.00000187      3.49      6.51      3.25
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SRCPARAM L0000138     0.00000187      3.49      6.51      3.25
SRCPARAM L0000139     0.00000187      3.49      6.51      3.25
SRCPARAM L0000140     0.00000187      3.49      6.51      3.25
SRCPARAM L0000141     0.00000187      3.49      6.51      3.25
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SRCPARAM L0000146     0.00000187      3.49      6.51      3.25
SRCPARAM L0000147     0.00000187      3.49      6.51      3.25
SRCPARAM L0000148     0.00000187      3.49      6.51      3.25
SRCPARAM L0000149     0.00000187      3.49      6.51      3.25
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SRCPARAM L0000166     0.00000187      3.49      6.51      3.25
SRCPARAM L0000167     0.00000187      3.49      6.51      3.25
SRCPARAM L0000168     0.00000187      3.49      6.51      3.25
SRCPARAM L0000169     0.00000187      3.49      6.51      3.25
SRCPARAM L0000170     0.00000187      3.49      6.51      3.25
SRCPARAM L0000171     0.00000187      3.49      6.51      3.25
SRCPARAM L0000172     0.00000187      3.49      6.51      3.25
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SRCPARAM L0000176     0.00000187      3.49      6.51      3.25
SRCPARAM L0000177     0.00000187      3.49      6.51      3.25
SRCPARAM L0000178     0.00000187      3.49      6.51      3.25
SRCPARAM L0000179     0.00000187      3.49      6.51      3.25
SRCPARAM L0000180     0.00000187      3.49      6.51      3.25
SRCPARAM L0000181     0.00000187      3.49      6.51      3.25
SRCPARAM L0000182     0.00000187      3.49      6.51      3.25
SRCPARAM L0000183     0.00000187      3.49      6.51      3.25
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SRCPARAM L0000185     0.00000187      3.49      6.51      3.25
SRCPARAM L0000186     0.00000187      3.49      6.51      3.25
SRCPARAM L0000187     0.00000187      3.49      6.51      3.25
SRCPARAM L0000188     0.00000187      3.49      6.51      3.25
SRCPARAM L0000189     0.00000187      3.49      6.51      3.25
SRCPARAM L0000190     0.00000187      3.49      6.51      3.25
SRCPARAM L0000191     0.00000187      3.49      6.51      3.25
SRCPARAM L0000192     0.00000187      3.49      6.51      3.25
SRCPARAM L0000193     0.00000187      3.49      6.51      3.25
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SRCPARAM L0000195     0.00000187      3.49      6.51      3.25
SRCPARAM L0000196     0.00000187      3.49      6.51      3.25
SRCPARAM L0000197     0.00000187      3.49      6.51      3.25
SRCPARAM L0000198     0.00000187      3.49      6.51      3.25
SRCPARAM L0000199     0.00000187      3.49      6.51      3.25
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SRCPARAM L0000205     0.00000187      3.49      6.51      3.25
SRCPARAM L0000206     0.00000187      3.49      6.51      3.25
SRCPARAM L0000207     0.00000187      3.49      6.51      3.25
SRCPARAM L0000208     0.00000187      3.49      6.51      3.25
SRCPARAM L0000209     0.00000187      3.49      6.51      3.25
SRCPARAM L0000210     0.00000187      3.49      6.51      3.25
SRCPARAM L0000211     0.00000187      3.49      6.51      3.25
SRCPARAM L0000212     0.00000187      3.49      6.51      3.25
SRCPARAM L0000213     0.00000187      3.49      6.51      3.25
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SRCPARAM L0000217     0.00000187      3.49      6.51      3.25
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SRCPARAM L0000219     0.00000187      3.49      6.51      3.25
SRCPARAM L0000220     0.00000187      3.49      6.51      3.25
SRCPARAM L0000221     0.00000187      3.49      6.51      3.25
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SRCPARAM L0000225     0.00000187      3.49      6.51      3.25
SRCPARAM L0000226     0.00000187      3.49      6.51      3.25
SRCPARAM L0000227     0.00000187      3.49      6.51      3.25
SRCPARAM L0000228     0.00000187      3.49      6.51      3.25
SRCPARAM L0000229     0.00000187      3.49      6.51      3.25
SRCPARAM L0000230     0.00000187      3.49      6.51      3.25
SRCPARAM L0000231     0.00000187      3.49      6.51      3.25
SRCPARAM L0000232     0.00000187      3.49      6.51      3.25
SRCPARAM L0000233     0.00000187      3.49      6.51      3.25
SRCPARAM L0000234     0.00000187      3.49      6.51      3.25
SRCPARAM L0000235     0.00000187      3.49      6.51      3.25
SRCPARAM L0000236     0.00000187      3.49      6.51      3.25
SRCPARAM L0000237     0.00000187      3.49      6.51      3.25
SRCPARAM L0000238     0.00000187      3.49      6.51      3.25
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   SRCPARAM L0000267     0.00000187      3.49      6.51      3.25
   SRCPARAM L0000268     0.00000187      3.49      6.51      3.25
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   SRCPARAM L0000271     0.00000187      3.49      6.51      3.25
   SRCPARAM L0000272     0.00000187      3.49      6.51      3.25
   SRCPARAM L0000273     0.00000187      3.49      6.51      3.25
   SRCPARAM L0000274     0.00000187      3.49      6.51      3.25
   SRCPARAM L0000275     0.00000187      3.49      6.51      3.25
   SRCPARAM L0000276     0.00000187      3.49      6.51      3.25
   SRCPARAM L0000277     0.00000187      3.49      6.51      3.25
   SRCPARAM L0000278     0.00000187      3.49      6.51      3.25
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   SRCPARAM L0000281     0.00000187      3.49      6.51      3.25
   SRCPARAM L0000282     0.00000187      3.49      6.51      3.25
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   SRCPARAM L0000286     0.00000187      3.49      6.51      3.25
   SRCPARAM L0000287     0.00000187      3.49      6.51      3.25
   SRCPARAM L0000288     0.00000187      3.49      6.51      3.25
   SRCPARAM L0000289     0.00000187      3.49      6.51      3.25
   SRCPARAM L0000290     0.00000187      3.49      6.51      3.25
   SRCPARAM L0000291     0.00000187      3.49      6.51      3.25
   SRCPARAM L0000292     0.00000187      3.49      6.51      3.25
   SRCPARAM L0000293     0.00000187      3.49      6.51      3.25
   SRCPARAM L0000294     0.00000187      3.49      6.51      3.25
   SRCPARAM L0000295     0.00000187      3.49      6.51      3.25
   SRCPARAM L0000296     0.00000187      3.49      6.51      3.25
   SRCPARAM L0000297     0.00000187      3.49      6.51      3.25
   SRCPARAM L0000298     0.00000187      3.49      6.51      3.25
   SRCPARAM L0000299     0.00000187      3.49      6.51      3.25
** ------------------------------------------------------------------
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
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```
** WeekDays:
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL8         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL9         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL10        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL11        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL12        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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```
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL13        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL13        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL14        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL15        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL15        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL16        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL17        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL18        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL19        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL20        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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   EMISFACT VOL21        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL22        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL23        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL24        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL25        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL26        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL27        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL27        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL28        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL28        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL29        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL29        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL30        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL31        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL32        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL32        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL33        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL33        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL34        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL34        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL35        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT L0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000001     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0000001     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000002     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0000002     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0000003     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000004     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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   EMISFACT L0000005     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT L0000010     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000027     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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EMISFACT L0000060     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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EMISFACT L0000126     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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EMISFACT L0000192     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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EMISFACT L0000258     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT L0000299     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
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**********************************
** AERMOD Receptor Pathway
**********************************
**
**
RE STARTING
   INCLUDED "14057 Cons Without PDFs.rou"
RE FINISHED
**
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** AERMOD Meteorology Pathway
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**
**
ME STARTING
   SURFFILE RDLD_V9_ADJU\RDLD_v9.SFC
   PROFFILE RDLD_V9_ADJU\RDLD_v9.PFL
   SURFDATA 3171 2012
   UAIRDATA 3190 2012
   SITEDATA 99999 2012
   PROFBASE 481.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
** Auto-Generated Plotfiles
   PLOTFILE PERIOD ALL "14057 CONS WITHOUT PDFS.AD\PE00GALL.PLT" 31
   SUMMFILE "14057 Cons Without PDFs.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    4760       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187    4760       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

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

FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:48:15

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

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

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
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     * Use Missing Data Processing Routine.
     * No Exponential Decay.
     * Model Uses URBAN Dispersion Algorithm for the SBL for   327 Source(s),
       for Total of    1 Urban Area(s):
  Urban Population =   2035210.0 ;  Urban Roughness Length =  1.000 m
     * Urban Roughness Length of 1.0 Meter Used.
     * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
     * TEMP_Sub - Meteorological data includes TEMP substitutions
     * Model Assumes No FLAGPOLE Receptor Heights.
     * The User Specified a Pollutant Type of: DPM

 **Model Calculates PERIOD Averages Only

 **This Run Includes:    327 Source(s);       1 Source Group(s); and      63 Receptor(s)

               with:      0 POINT(s), including
                          0 POINTCAP(s) and      0 POINTHOR(s)
                and:    327 VOLUME source(s)
                and:      0 AREA type source(s)
                and:      0 LINE source(s)
                and:      0 RLINE/RLINEXT source(s)
                and:      0 OPENPIT source(s)
                and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                and:      0 SWPOINT source(s)


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

 **The AERMET Input Meteorological Data Version Date:  16216

 **Output Options Selected:
         Model Outputs Tables of PERIOD Averages by Receptor
         Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
         Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

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

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =   481.00 ;  Decay Coef. =
 0.000     ;  Rot. Angle =     0.0
                Emission Units = GRAMS/SEC                                ;  Emission Rate
                Unit Factor =   0.10000E+07
                Output Units   = MICROGRAMS/M**3

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

 **Input Runstream File:
 aermod.inp
 **Output Print File:
 aermod.out

 **Detailed Error/Message File:   14057 Cons Without
 PDFs.err
 **File for Summary of Results:   14057 Cons Without
 PDFs.sum
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***       09:48:15

                     PAGE   2
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART. SCALAR CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	VARY BY
VOL8	0	0.42411E-03	477568.2	3774357.4	336.8	5.00	14.73	1.40	YES HRDOW
VOL9	0	0.42411E-03	477568.7	3774297.9	336.6	5.00	14.73	1.40	YES HRDOW
VOL10	0	0.42411E-03	477568.7	3774237.9	336.0	5.00	14.73	1.40	YES HRDOW
VOL11	0	0.42411E-03	478095.0	3774249.7	340.2	5.00	14.73	1.40	YES HRDOW
VOL12	0	0.42411E-03	477632.6	3774238.0	337.0	5.00	14.73	1.40	YES HRDOW
VOL13	0	0.42411E-03	477632.1	3774357.6	337.0	5.00	14.73	1.40	YES HRDOW
VOL14	0	0.42411E-03	477632.6	3774298.0	337.0	5.00	14.73	1.40	YES HRDOW
VOL15	0	0.42411E-03	477695.9	3774239.0	337.0	5.00	14.73	1.40	YES HRDOW
VOL16	0	0.42411E-03	477695.5	3774358.5	337.0	5.00	14.73	1.40	YES HRDOW
VOL17	0	0.42411E-03	477695.9	3774299.0	337.0	5.00	14.73	1.40	YES HRDOW
VOL18	0	0.42411E-03	477759.7	3774239.4	338.0	5.00	14.73	1.40	YES HRDOW
VOL19	0	0.42411E-03	477759.2	3774359.0	338.0	5.00	14.73	1.40	YES HRDOW
VOL20	0	0.42411E-03	477759.7	3774299.4	338.0	5.00	14.73	1.40	YES HRDOW
VOL21	0	0.42411E-03	477823.5	3774239.4	338.0	5.00	14.73	1.40	YES HRDOW
VOL22	0	0.42411E-03	477823.0	3774359.0	338.0	5.00	14.73	1.40	YES HRDOW
VOL23	0	0.42411E-03	477823.5	3774299.4	338.0	5.00	14.73	1.40	YES HRDOW
VOL24	0	0.42411E-03	477887.8	3774239.4	338.6	5.00	14.73	1.40	YES HRDOW
VOL25	0	0.42411E-03	477887.3	3774359.0	339.0	5.00	14.73	1.40	YES HRDOW
VOL26	0	0.42411E-03	477887.8	3774299.4	339.0	5.00	14.73	1.40	YES HRDOW
VOL27	0	0.42411E-03	477951.6	3774239.0	339.0	5.00	14.73	1.40	YES HRDOW
VOL28	0	0.42411E-03	477951.1	3774358.5	339.4	5.00	14.73	1.40	YES HRDOW
VOL29	0	0.42411E-03	477951.6	3774299.0	339.0	5.00	14.73	1.40	YES HRDOW
VOL30	0	0.42411E-03	478015.3	3774240.4	340.0	5.00	14.73	1.40	YES HRDOW
VOL31	0	0.42411E-03	478014.9	3774359.9	340.0	5.00	14.73	1.40	YES HRDOW
VOL32	0	0.42411E-03	478015.3	3774300.4	340.0	5.00	14.73	1.40	YES HRDOW
VOL33	0	0.42411E-03	478040.4	3774242.7	340.0	5.00	14.73	1.40	YES HRDOW
VOL34	0	0.42411E-03	478039.9	3774362.3	340.0	5.00	14.73	1.40	YES HRDOW
VOL35	0	0.42411E-03	478040.4	3774302.7	340.0	5.00	14.73	1.40	

YES HRDOW
L0000001 0 0.18700E-05 477549.5 3774194.6 336.0 3.49 6.51 3.25
YES HRDOW
L0000002 0 0.18700E-05 477563.5 3774194.9 336.0 3.49 6.51 3.25
YES HRDOW
L0000003 0 0.18700E-05 477577.5 3774195.1 336.0 3.49 6.51 3.25
YES HRDOW
L0000004 0 0.18700E-05 477591.5 3774195.3 336.0 3.49 6.51 3.25
YES HRDOW
L0000005 0 0.18700E-05 477605.5 3774195.6 336.0 3.49 6.51 3.25
YES HRDOW
L0000006 0 0.18700E-05 477619.5 3774195.8 336.3 3.49 6.51 3.25
YES HRDOW
L0000007 0 0.18700E-05 477633.5 3774196.0 336.8 3.49 6.51 3.25
YES HRDOW
L0000008 0 0.18700E-05 477647.5 3774196.3 337.0 3.49 6.51 3.25
YES HRDOW
L0000009 0 0.18700E-05 477661.5 3774196.5 337.0 3.49 6.51 3.25
YES HRDOW
L0000010 0 0.18700E-05 477675.5 3774196.8 337.0 3.49 6.51 3.25
YES HRDOW
L0000011 0 0.18700E-05 477689.5 3774197.0 337.0 3.49 6.51 3.25
YES HRDOW
L0000012 0 0.18700E-05 477703.5 3774197.2 337.0 3.49 6.51 3.25
YES HRDOW

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
L0000013	0	0.18700E-05	477717.5	3774197.5	337.0	3.49	6.51	3.25	YES HRDOW
L0000014	0	0.18700E-05	477731.5	3774197.7	337.0	3.49	6.51	3.25	YES HRDOW
L0000015	0	0.18700E-05	477745.5	3774198.0	337.0	3.49	6.51	3.25	YES HRDOW
L0000016	0	0.18700E-05	477759.5	3774198.2	337.1	3.49	6.51	3.25	YES HRDOW
L0000017	0	0.18700E-05	477773.5	3774198.4	337.5	3.49	6.51	3.25	YES HRDOW
L0000018	0	0.18700E-05	477787.5	3774198.7	337.9	3.49	6.51	3.25	YES HRDOW
L0000019	0	0.18700E-05	477801.5	3774198.9	338.0	3.49	6.51	3.25	YES HRDOW
L0000020	0	0.18700E-05	477815.5	3774199.2	338.0	3.49	6.51	3.25	YES HRDOW
L0000021	0	0.18700E-05	477829.5	3774199.4	338.0	3.49	6.51	3.25	YES HRDOW
L0000022	0	0.18700E-05	477843.5	3774199.6	338.0	3.49	6.51	3.25	YES HRDOW
L0000023	0	0.18700E-05	477857.5	3774199.9	338.0	3.49	6.51	3.25	

```
 YES   HRDOW
 L0000024         0   0.18700E-05  477871.5 3774200.1   338.0     3.49     6.51     3.25
 YES   HRDOW
 L0000025         0   0.18700E-05  477885.5 3774200.3   338.2     3.49     6.51     3.25
 YES   HRDOW
 L0000026         0   0.18700E-05  477899.5 3774200.6   338.7     3.49     6.51     3.25
 YES   HRDOW
 L0000027         0   0.18700E-05  477913.5 3774200.8   339.0     3.49     6.51     3.25
 YES   HRDOW
 L0000028         0   0.18700E-05  477927.5 3774201.1   339.0     3.49     6.51     3.25
 YES   HRDOW
 L0000029         0   0.18700E-05  477941.5 3774201.3   339.0     3.49     6.51     3.25
 YES   HRDOW
 L0000030         0   0.18700E-05  477955.5 3774201.5   339.0     3.49     6.51     3.25
 YES   HRDOW
 L0000031         0   0.18700E-05  477969.5 3774201.8   339.0     3.49     6.51     3.25
 YES   HRDOW
 L0000032         0   0.18700E-05  477983.5 3774202.0   339.4     3.49     6.51     3.25
 YES   HRDOW
 L0000033         0   0.18700E-05  477997.5 3774202.3   339.9     3.49     6.51     3.25
 YES   HRDOW
 L0000034         0   0.18700E-05  478011.5 3774202.5   340.0     3.49     6.51     3.25
 YES   HRDOW
 L0000035         0   0.18700E-05  478025.4 3774202.7   340.0     3.49     6.51     3.25
 YES   HRDOW
 L0000036         0   0.18700E-05  478039.4 3774203.0   340.0     3.49     6.51     3.25
 YES   HRDOW
 L0000037         0   0.18700E-05  478053.4 3774203.2   340.0     3.49     6.51     3.25
 YES   HRDOW
 L0000038         0   0.18700E-05  478067.4 3774203.5   340.0     3.49     6.51     3.25
 YES   HRDOW
 L0000039         0   0.18700E-05  478081.4 3774203.7   340.0     3.49     6.51     3.25
 YES   HRDOW
 L0000040         0   0.18700E-05  478095.4 3774203.9   340.2     3.49     6.51     3.25
 YES   HRDOW
 L0000041         0   0.18700E-05  478109.4 3774204.2   340.7     3.49     6.51     3.25
 YES   HRDOW
 L0000042         0   0.18700E-05  478123.4 3774204.4   341.0     3.49     6.51     3.25
 YES   HRDOW
 L0000043         0   0.18700E-05  478137.4 3774204.6   341.0     3.49     6.51     3.25
 YES   HRDOW
 L0000044         0   0.18700E-05  478151.4 3774204.9   341.0     3.49     6.51     3.25
 YES   HRDOW
 L0000045         0   0.18700E-05  478165.4 3774205.1   341.0     3.49     6.51     3.25
 YES   HRDOW
 L0000046         0   0.18700E-05  478179.4 3774205.4   341.0     3.49     6.51     3.25
 YES   HRDOW
 L0000047         0   0.18700E-05  478193.4 3774205.6   341.0     3.49     6.51     3.25
 YES   HRDOW
 L0000048         0   0.18700E-05  478207.4 3774205.8   341.0     3.49     6.51     3.25
 YES   HRDOW
 L0000049         0   0.18700E-05  478221.4 3774206.1   341.4     3.49     6.51     3.25
 YES   HRDOW
 L0000050         0   0.18700E-05  478235.4 3774206.3   341.9     3.49     6.51     3.25
 YES   HRDOW
 L0000051         0   0.18700E-05  478249.4 3774206.6   342.0     3.49     6.51     3.25
 YES   HRDOW
 L0000052         0   0.18700E-05  478263.4 3774206.8   342.0     3.49     6.51     3.25
 YES   HRDOW
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***       09:48:15

                      PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	SCALAR VARY BY
L0000053	0	0.18700E-05	478277.4	3774207.0	342.0	3.49	6.51	3.25	YES HRDOW
L0000054	0	0.18700E-05	478291.4	3774207.3	342.0	3.49	6.51	3.25	YES HRDOW
L0000055	0	0.18700E-05	478305.4	3774207.5	342.0	3.49	6.51	3.25	YES HRDOW
L0000056	0	0.18700E-05	478319.4	3774207.2	342.0	3.49	6.51	3.25	YES HRDOW
L0000057	0	0.18700E-05	478333.4	3774206.7	342.0	3.49	6.51	3.25	YES HRDOW
L0000058	0	0.18700E-05	478347.4	3774206.2	342.0	3.49	6.51	3.25	YES HRDOW
L0000059	0	0.18700E-05	478361.4	3774205.7	342.0	3.49	6.51	3.25	YES HRDOW
L0000060	0	0.18700E-05	478375.4	3774205.2	342.2	3.49	6.51	3.25	YES HRDOW
L0000061	0	0.18700E-05	478389.4	3774204.7	342.3	3.49	6.51	3.25	YES HRDOW
L0000062	0	0.18700E-05	478403.4	3774204.5	342.6	3.49	6.51	3.25	YES HRDOW
L0000063	0	0.18700E-05	478417.4	3774204.6	342.9	3.49	6.51	3.25	YES HRDOW
L0000064	0	0.18700E-05	478431.4	3774204.7	343.0	3.49	6.51	3.25	YES HRDOW
L0000065	0	0.18700E-05	478445.4	3774204.8	343.0	3.49	6.51	3.25	YES HRDOW
L0000066	0	0.18700E-05	478459.4	3774204.9	343.0	3.49	6.51	3.25	YES HRDOW
L0000067	0	0.18700E-05	478473.3	3774205.0	343.0	3.49	6.51	3.25	YES HRDOW
L0000068	0	0.18700E-05	478487.3	3774205.1	343.1	3.49	6.51	3.25	YES HRDOW
L0000069	0	0.18700E-05	478501.3	3774205.2	343.2	3.49	6.51	3.25	YES HRDOW
L0000070	0	0.18700E-05	478515.3	3774205.3	343.4	3.49	6.51	3.25	YES HRDOW
L0000071	0	0.18700E-05	478529.3	3774205.3	343.8	3.49	6.51	3.25	YES HRDOW
L0000072	0	0.18700E-05	478543.3	3774205.4	344.0	3.49	6.51	3.25	YES HRDOW
L0000073	0	0.18700E-05	478557.3	3774205.5	344.0	3.49	6.51	3.25	YES HRDOW
L0000074	0	0.18700E-05	478571.3	3774205.6	344.0	3.49	6.51	3.25	YES HRDOW
L0000075	0	0.18700E-05	478585.3	3774205.7	344.0	3.49	6.51	3.25	YES HRDOW
L0000076	0	0.18700E-05	478599.3	3774205.8	344.0	3.49	6.51	3.25	YES HRDOW
L0000077	0	0.18700E-05	478613.3	3774205.9	344.0	3.49	6.51	3.25	YES HRDOW
L0000078	0	0.18700E-05	478627.3	3774206.0	344.0	3.49	6.51	3.25	YES HRDOW
L0000079	0	0.18700E-05	478641.3	3774206.1	344.0	3.49	6.51	3.25	

YES HRDOW
L0000080 0 0.18700E-05 478655.3 3774206.1 344.0 3.49 6.51 3.25
YES HRDOW
L0000081 0 0.18700E-05 478669.3 3774206.2 344.3 3.49 6.51 3.25
YES HRDOW
L0000082 0 0.18700E-05 478683.3 3774206.3 344.8 3.49 6.51 3.25
YES HRDOW
L0000083 0 0.18700E-05 478697.3 3774206.4 345.0 3.49 6.51 3.25
YES HRDOW
L0000084 0 0.18700E-05 478711.3 3774206.5 345.0 3.49 6.51 3.25
YES HRDOW
L0000085 0 0.18700E-05 478725.3 3774206.6 345.0 3.49 6.51 3.25
YES HRDOW
L0000086 0 0.18700E-05 478739.3 3774206.7 345.0 3.49 6.51 3.25
YES HRDOW
L0000087 0 0.18700E-05 478753.3 3774206.8 345.0 3.49 6.51 3.25
YES HRDOW
L0000088 0 0.18700E-05 478767.3 3774206.8 345.0 3.49 6.51 3.25
YES HRDOW
L0000089 0 0.18700E-05 478781.3 3774206.7 345.0 3.49 6.51 3.25
YES HRDOW
L0000090 0 0.18700E-05 478795.3 3774206.6 345.0 3.49 6.51 3.25
YES HRDOW
L0000091 0 0.18700E-05 478809.3 3774206.5 345.0 3.49 6.51 3.25
YES HRDOW
L0000092 0 0.18700E-05 478823.3 3774206.5 345.4 3.49 6.51 3.25
YES HRDOW

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART. SCALAR VARY CATS. BY	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ
L0000093	0	0.18700E-05	478837.3	3774206.4	345.9	3.49	6.51	3.25
YES HRDOW								
L0000094	0	0.18700E-05	478851.3	3774206.3	346.0	3.49	6.51	3.25
YES HRDOW								
L0000095	0	0.18700E-05	478865.3	3774206.2	346.0	3.49	6.51	3.25
YES HRDOW								
L0000096	0	0.18700E-05	478879.3	3774206.1	346.1	3.49	6.51	3.25
YES HRDOW								
L0000097	0	0.18700E-05	478893.3	3774206.1	346.3	3.49	6.51	3.25
YES HRDOW								
L0000098	0	0.18700E-05	478907.3	3774206.0	346.5	3.49	6.51	3.25
YES HRDOW								
L0000099	0	0.18700E-05	478921.3	3774205.9	346.8	3.49	6.51	3.25
YES HRDOW								
L0000100	0	0.18700E-05	478935.3	3774205.8	347.0	3.49	6.51	3.25
YES HRDOW								
L0000101	0	0.18700E-05	478949.3	3774205.8	347.0	3.49	6.51	3.25
YES HRDOW								
L0000102	0	0.18700E-05	478963.3	3774205.7	347.0	3.49	6.51	3.25

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 YES   HRDOW
 L0000103         0   0.18700E-05  478977.3 3774205.6   347.0     3.49     6.51     3.25
 YES   HRDOW
 L0000104         0   0.18700E-05  478991.3 3774205.5   347.1     3.49     6.51     3.25
 YES   HRDOW
 L0000105         0   0.18700E-05  479005.3 3774205.5   347.5     3.49     6.51     3.25
 YES   HRDOW
 L0000106         0   0.18700E-05  479019.3 3774205.4   348.0     3.49     6.51     3.25
 YES   HRDOW
 L0000107         0   0.18700E-05  479033.3 3774205.3   348.0     3.49     6.51     3.25
 YES   HRDOW
 L0000108         0   0.18700E-05  479047.3 3774205.2   348.0     3.49     6.51     3.25
 YES   HRDOW
 L0000109         0   0.18700E-05  479061.3 3774205.2   348.0     3.49     6.51     3.25
 YES   HRDOW
 L0000110         0   0.18700E-05  479075.3 3774205.1   348.0     3.49     6.51     3.25
 YES   HRDOW
 L0000111         0   0.18700E-05  479089.3 3774205.0   348.0     3.49     6.51     3.25
 YES   HRDOW
 L0000112         0   0.18700E-05  479103.3 3774204.9   348.0     3.49     6.51     3.25
 YES   HRDOW
 L0000113         0   0.18700E-05  479117.3 3774204.9   348.0     3.49     6.51     3.25
 YES   HRDOW
 L0000114         0   0.18700E-05  479131.3 3774204.8   348.0     3.49     6.51     3.25
 YES   HRDOW
 L0000115         0   0.18700E-05  479145.3 3774204.7   348.2     3.49     6.51     3.25
 YES   HRDOW
 L0000116         0   0.18700E-05  479159.3 3774204.6   348.7     3.49     6.51     3.25
 YES   HRDOW
 L0000117         0   0.18700E-05  479173.3 3774204.6   349.0     3.49     6.51     3.25
 YES   HRDOW
 L0000118         0   0.18700E-05  479187.3 3774204.5   349.0     3.49     6.51     3.25
 YES   HRDOW
 L0000119         0   0.18700E-05  479201.3 3774204.4   349.0     3.49     6.51     3.25
 YES   HRDOW
 L0000120         0   0.18700E-05  479215.3 3774204.4   349.0     3.49     6.51     3.25
 YES   HRDOW
 L0000121         0   0.18700E-05  479229.3 3774204.3   349.0     3.49     6.51     3.25
 YES   HRDOW
 L0000122         0   0.18700E-05  479243.3 3774204.3   349.1     3.49     6.51     3.25
 YES   HRDOW
 L0000123         0   0.18700E-05  479257.3 3774204.3   349.2     3.49     6.51     3.25
 YES   HRDOW
 L0000124         0   0.18700E-05  479271.3 3774204.2   349.6     3.49     6.51     3.25
 YES   HRDOW
 L0000125         0   0.18700E-05  479285.3 3774204.2   349.9     3.49     6.51     3.25
 YES   HRDOW
 L0000126         0   0.18700E-05  479299.3 3774204.1   350.0     3.49     6.51     3.25
 YES   HRDOW
 L0000127         0   0.18700E-05  479313.3 3774204.1   350.0     3.49     6.51     3.25
 YES   HRDOW
 L0000128         0   0.18700E-05  479327.3 3774204.0   350.0     3.49     6.51     3.25
 YES   HRDOW
 L0000129         0   0.18700E-05  479341.3 3774204.0   350.0     3.49     6.51     3.25
 YES   HRDOW
 L0000130         0   0.18700E-05  479355.3 3774203.9   350.0     3.49     6.51     3.25
 YES   HRDOW
 L0000131         0   0.18700E-05  479369.3 3774203.9   350.0     3.49     6.51     3.25
 YES   HRDOW
 L0000132         0   0.18700E-05  479383.3 3774203.9   350.0     3.49     6.51     3.25
 YES   HRDOW
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       09:48:15
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN PART. SCALAR VARY BY	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	
L0000133	0	0.18700E-05	479397.3	3774203.8	350.2	3.49	6.51	3.25	YES HRDOW
L0000134	0	0.18700E-05	479411.3	3774203.8	350.3	3.49	6.51	3.25	YES HRDOW
L0000135	0	0.18700E-05	479425.3	3774203.7	350.6	3.49	6.51	3.25	YES HRDOW
L0000136	0	0.18700E-05	479439.3	3774203.7	351.0	3.49	6.51	3.25	YES HRDOW
L0000137	0	0.18700E-05	479453.3	3774203.6	351.0	3.49	6.51	3.25	YES HRDOW
L0000138	0	0.18700E-05	479467.3	3774203.6	351.0	3.49	6.51	3.25	YES HRDOW
L0000139	0	0.18700E-05	479481.3	3774203.5	351.0	3.49	6.51	3.25	YES HRDOW
L0000140	0	0.18700E-05	479495.3	3774203.5	351.0	3.49	6.51	3.25	YES HRDOW
L0000141	0	0.18700E-05	479509.3	3774203.4	351.3	3.49	6.51	3.25	YES HRDOW
L0000142	0	0.18700E-05	479523.3	3774203.4	351.8	3.49	6.51	3.25	YES HRDOW
L0000143	0	0.18700E-05	479537.3	3774203.4	352.0	3.49	6.51	3.25	YES HRDOW
L0000144	0	0.18700E-05	479551.3	3774203.3	352.0	3.49	6.51	3.25	YES HRDOW
L0000145	0	0.18700E-05	479565.3	3774203.3	352.0	3.49	6.51	3.25	YES HRDOW
L0000146	0	0.18700E-05	479579.3	3774203.2	352.0	3.49	6.51	3.25	YES HRDOW
L0000147	0	0.18700E-05	479593.3	3774203.2	352.0	3.49	6.51	3.25	YES HRDOW
L0000148	0	0.18700E-05	479607.3	3774203.1	352.0	3.49	6.51	3.25	YES HRDOW
L0000149	0	0.18700E-05	479621.3	3774203.1	352.1	3.49	6.51	3.25	YES HRDOW
L0000150	0	0.18700E-05	479635.3	3774203.0	352.5	3.49	6.51	3.25	YES HRDOW
L0000151	0	0.18700E-05	479649.3	3774203.0	353.0	3.49	6.51	3.25	YES HRDOW
L0000152	0	0.18700E-05	479663.3	3774202.9	353.0	3.49	6.51	3.25	YES HRDOW
L0000153	0	0.18700E-05	479677.3	3774202.6	353.0	3.49	6.51	3.25	YES HRDOW
L0000154	0	0.18700E-05	479691.3	3774202.4	353.0	3.49	6.51	3.25	YES HRDOW
L0000155	0	0.18700E-05	479705.3	3774202.1	353.0	3.49	6.51	3.25	YES HRDOW
L0000156	0	0.18700E-05	479719.3	3774201.9	353.0	3.49	6.51	3.25	YES HRDOW
L0000157	0	0.18700E-05	479733.3	3774201.6	353.0	3.49	6.51	3.25	YES HRDOW
L0000158	0	0.18700E-05	479747.3	3774201.4	353.0	3.49	6.51	3.25	

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 YES   HRDOW
 L0000159         0   0.18700E-05  479761.3 3774201.1   353.1     3.49     6.51     3.25
 YES   HRDOW
 L0000160         0   0.18700E-05  479775.3 3774200.9   353.2     3.49     6.51     3.25
 YES   HRDOW
 L0000161         0   0.18700E-05  479789.3 3774200.6   353.1     3.49     6.51     3.25
 YES   HRDOW
 L0000162         0   0.18700E-05  479803.3 3774200.3   353.1     3.49     6.51     3.25
 YES   HRDOW
 L0000163         0   0.18700E-05  479817.3 3774200.1   353.1     3.49     6.51     3.25
 YES   HRDOW
 L0000164         0   0.18700E-05  479831.3 3774199.9   353.2     3.49     6.51     3.25
 YES   HRDOW
 L0000165         0   0.18700E-05  479845.3 3774199.9   353.6     3.49     6.51     3.25
 YES   HRDOW
 L0000166         0   0.18700E-05  479859.3 3774199.9   354.0     3.49     6.51     3.25
 YES   HRDOW
 L0000167         0   0.18700E-05  479873.3 3774199.9   354.0     3.49     6.51     3.25
 YES   HRDOW
 L0000168         0   0.18700E-05  479887.3 3774199.9   354.0     3.49     6.51     3.25
 YES   HRDOW
 L0000169         0   0.18700E-05  479901.3 3774199.9   354.0     3.49     6.51     3.25
 YES   HRDOW
 L0000170         0   0.18700E-05  479915.3 3774199.9   354.0     3.49     6.51     3.25
 YES   HRDOW
 L0000171         0   0.18700E-05  479929.3 3774199.9   354.0     3.49     6.51     3.25
 YES   HRDOW
 L0000172         0   0.18700E-05  479943.3 3774199.4   354.0     3.49     6.51     3.25
 YES   HRDOW
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       09:48:15

                     PAGE   7
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  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
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 L0000173         0   0.18700E-05  479957.3 3774198.7   354.2     3.49     6.51     3.25
 YES   HRDOW
 L0000174         0   0.18700E-05  479971.3 3774198.1   354.7     3.49     6.51     3.25
 YES   HRDOW
 L0000175         0   0.18700E-05  479985.3 3774197.4   355.0     3.49     6.51     3.25
 YES   HRDOW
 L0000176         0   0.18700E-05  479999.2 3774196.8   355.0     3.49     6.51     3.25
 YES   HRDOW
 L0000177         0   0.18700E-05  480013.2 3774195.6   355.1     3.49     6.51     3.25
 YES   HRDOW
 L0000178         0   0.18700E-05  480027.1 3774194.4   355.6     3.49     6.51     3.25
 YES   HRDOW
 L0000179         0   0.18700E-05  480041.1 3774193.2   356.0     3.49     6.51     3.25
 YES   HRDOW
 L0000180         0   0.18700E-05  480055.0 3774192.0   356.0     3.49     6.51     3.25
 YES   HRDOW
 L0000181         0   0.18700E-05  480069.0 3774190.8   356.0     3.49     6.51     3.25
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YES HRDOW								
L0000182	0	0.18700E-05	480082.9	3774189.7	356.0	3.49	6.51	3.25
YES HRDOW								
L0000183	0	0.18700E-05	480096.9	3774188.5	356.0	3.49	6.51	3.25
YES HRDOW								
L0000184	0	0.18700E-05	480110.8	3774187.3	356.4	3.49	6.51	3.25
YES HRDOW								
L0000185	0	0.18700E-05	480124.8	3774186.1	356.8	3.49	6.51	3.25
YES HRDOW								
L0000186	0	0.18700E-05	480138.7	3774184.9	357.0	3.49	6.51	3.25
YES HRDOW								
L0000187	0	0.18700E-05	480152.7	3774183.8	357.0	3.49	6.51	3.25
YES HRDOW								
L0000188	0	0.18700E-05	480166.6	3774182.6	357.0	3.49	6.51	3.25
YES HRDOW								
L0000189	0	0.18700E-05	480180.6	3774181.4	357.0	3.49	6.51	3.25
YES HRDOW								
L0000190	0	0.18700E-05	480194.5	3774180.2	357.2	3.49	6.51	3.25
YES HRDOW								
L0000191	0	0.18700E-05	480208.5	3774179.0	357.6	3.49	6.51	3.25
YES HRDOW								
L0000192	0	0.18700E-05	480222.4	3774177.9	358.0	3.49	6.51	3.25
YES HRDOW								
L0000193	0	0.18700E-05	480236.4	3774176.7	358.0	3.49	6.51	3.25
YES HRDOW								
L0000194	0	0.18700E-05	480250.3	3774175.5	358.0	3.49	6.51	3.25
YES HRDOW								
L0000195	0	0.18700E-05	480264.3	3774174.3	358.0	3.49	6.51	3.25
YES HRDOW								
L0000196	0	0.18700E-05	480278.2	3774173.1	358.0	3.49	6.51	3.25
YES HRDOW								
L0000197	0	0.18700E-05	480292.2	3774171.9	358.4	3.49	6.51	3.25
YES HRDOW								
L0000198	0	0.18700E-05	480306.1	3774170.8	358.9	3.49	6.51	3.25
YES HRDOW								
L0000199	0	0.18700E-05	480320.1	3774169.6	359.0	3.49	6.51	3.25
YES HRDOW								
L0000200	0	0.18700E-05	480334.0	3774168.4	359.0	3.49	6.51	3.25
YES HRDOW								
L0000201	0	0.18700E-05	480348.0	3774167.2	359.0	3.49	6.51	3.25
YES HRDOW								
L0000202	0	0.18700E-05	480361.9	3774166.0	359.0	3.49	6.51	3.25
YES HRDOW								
L0000203	0	0.18700E-05	480375.9	3774164.9	359.0	3.49	6.51	3.25
YES HRDOW								
L0000204	0	0.18700E-05	480389.8	3774163.7	359.0	3.49	6.51	3.25
YES HRDOW								
L0000205	0	0.18700E-05	480403.8	3774162.5	359.1	3.49	6.51	3.25
YES HRDOW								
L0000206	0	0.18700E-05	480417.7	3774161.3	359.6	3.49	6.51	3.25
YES HRDOW								
L0000207	0	0.18700E-05	480431.7	3774160.1	360.0	3.49	6.51	3.25
YES HRDOW								
L0000208	0	0.18700E-05	480445.6	3774159.0	360.0	3.49	6.51	3.25
YES HRDOW								
L0000209	0	0.18700E-05	480459.6	3774157.8	360.0	3.49	6.51	3.25
YES HRDOW								
L0000210	0	0.18700E-05	480473.5	3774156.6	360.0	3.49	6.51	3.25
YES HRDOW								
L0000211	0	0.18700E-05	480487.5	3774155.4	360.0	3.49	6.51	3.25
YES HRDOW								
L0000212	0	0.18700E-05	480501.4	3774154.2	360.4	3.49	6.51	3.25
YES HRDOW								

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART. SCALAR VARY BY	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	
L0000213	0	0.18700E-05	480515.4	3774153.0	360.9	3.49	6.51	3.25	YES HRDOW
L0000214	0	0.18700E-05	480529.3	3774151.9	361.0	3.49	6.51	3.25	YES HRDOW
L0000215	0	0.18700E-05	480543.3	3774150.8	361.0	3.49	6.51	3.25	YES HRDOW
L0000216	0	0.18700E-05	480557.3	3774149.7	361.2	3.49	6.51	3.25	YES HRDOW
L0000217	0	0.18700E-05	480571.2	3774148.6	361.7	3.49	6.51	3.25	YES HRDOW
L0000218	0	0.18700E-05	480585.2	3774147.5	362.0	3.49	6.51	3.25	YES HRDOW
L0000219	0	0.18700E-05	480599.1	3774146.4	362.0	3.49	6.51	3.25	YES HRDOW
L0000220	0	0.18700E-05	480613.1	3774145.3	362.0	3.49	6.51	3.25	YES HRDOW
L0000221	0	0.18700E-05	480627.0	3774144.2	362.0	3.49	6.51	3.25	YES HRDOW
L0000222	0	0.18700E-05	480641.0	3774143.1	362.0	3.49	6.51	3.25	YES HRDOW
L0000223	0	0.18700E-05	480655.0	3774142.0	362.4	3.49	6.51	3.25	YES HRDOW
L0000224	0	0.18700E-05	480668.9	3774140.9	362.8	3.49	6.51	3.25	YES HRDOW
L0000225	0	0.18700E-05	480682.9	3774139.8	362.9	3.49	6.51	3.25	YES HRDOW
L0000226	0	0.18700E-05	480696.8	3774138.7	363.0	3.49	6.51	3.25	YES HRDOW
L0000227	0	0.18700E-05	480710.8	3774137.6	363.0	3.49	6.51	3.25	YES HRDOW
L0000228	0	0.18700E-05	480724.7	3774136.5	363.0	3.49	6.51	3.25	YES HRDOW
L0000229	0	0.18700E-05	480738.7	3774135.4	363.3	3.49	6.51	3.25	YES HRDOW
L0000230	0	0.18700E-05	480752.6	3774134.3	363.8	3.49	6.51	3.25	YES HRDOW
L0000231	0	0.18700E-05	480766.6	3774133.2	364.0	3.49	6.51	3.25	YES HRDOW
L0000232	0	0.18700E-05	480780.6	3774132.1	364.0	3.49	6.51	3.25	YES HRDOW
L0000233	0	0.18700E-05	480794.5	3774130.9	364.0	3.49	6.51	3.25	YES HRDOW
L0000234	0	0.18700E-05	480808.5	3774129.8	364.0	3.49	6.51	3.25	YES HRDOW
L0000235	0	0.18700E-05	480822.4	3774128.6	364.0	3.49	6.51	3.25	YES HRDOW
L0000236	0	0.18700E-05	480836.4	3774127.5	364.2	3.49	6.51	3.25	YES HRDOW
L0000237	0	0.18700E-05	480850.3	3774126.4	364.3	3.49	6.51	3.25	

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 YES   HRDOW
 L0000238         0   0.18700E-05  480864.3 3774125.2   364.7     3.49     6.51     3.25
 YES   HRDOW
 L0000239         0   0.18700E-05  480878.2 3774124.1   365.0     3.49     6.51     3.25
 YES   HRDOW
 L0000240         0   0.18700E-05  480892.2 3774122.9   365.0     3.49     6.51     3.25
 YES   HRDOW
 L0000241         0   0.18700E-05  480906.1 3774121.8   365.0     3.49     6.51     3.25
 YES   HRDOW
 L0000242         0   0.18700E-05  480920.1 3774120.7   365.0     3.49     6.51     3.25
 YES   HRDOW
 L0000243         0   0.18700E-05  480934.0 3774119.5   365.0     3.49     6.51     3.25
 YES   HRDOW
 L0000244         0   0.18700E-05  480948.0 3774118.4   365.3     3.49     6.51     3.25
 YES   HRDOW
 L0000245         0   0.18700E-05  480962.0 3774117.2   365.7     3.49     6.51     3.25
 YES   HRDOW
 L0000246         0   0.18700E-05  480975.9 3774116.1   366.0     3.49     6.51     3.25
 YES   HRDOW
 L0000247         0   0.18700E-05  480989.9 3774115.0   366.0     3.49     6.51     3.25
 YES   HRDOW
 L0000248         0   0.18700E-05  481003.8 3774113.8   366.0     3.49     6.51     3.25
 YES   HRDOW
 L0000249         0   0.18700E-05  481017.8 3774112.7   366.0     3.49     6.51     3.25
 YES   HRDOW
 L0000250         0   0.18700E-05  481031.7 3774111.5   366.1     3.49     6.51     3.25
 YES   HRDOW
 L0000251         0   0.18700E-05  481045.7 3774110.5   366.5     3.49     6.51     3.25
 YES   HRDOW
 L0000252         0   0.18700E-05  481059.7 3774109.7   367.0     3.49     6.51     3.25
 YES   HRDOW
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       09:48:15

                     PAGE   9
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  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
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 L0000253         0   0.18700E-05  481073.6 3774108.9   367.0     3.49     6.51     3.25
 YES   HRDOW
 L0000254         0   0.18700E-05  481087.6 3774108.1   367.0     3.49     6.51     3.25
 YES   HRDOW
 L0000255         0   0.18700E-05  481101.6 3774107.3   367.0     3.49     6.51     3.25
 YES   HRDOW
 L0000256         0   0.18700E-05  481115.6 3774106.5   367.0     3.49     6.51     3.25
 YES   HRDOW
 L0000257         0   0.18700E-05  481129.5 3774105.7   367.3     3.49     6.51     3.25
 YES   HRDOW
 L0000258         0   0.18700E-05  481143.5 3774104.9   367.8     3.49     6.51     3.25
 YES   HRDOW
 L0000259         0   0.18700E-05  481157.5 3774104.1   368.0     3.49     6.51     3.25
 YES   HRDOW
 L0000260         0   0.18700E-05  481171.5 3774104.3   368.0     3.49     6.51     3.25
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YES HRDOW								
L0000261	0	0.18700E-05	481185.4	3774105.6	368.0	3.49	6.51	3.25
YES HRDOW								
L0000262	0	0.18700E-05	481199.3	3774106.9	368.0	3.49	6.51	3.25
YES HRDOW								
L0000263	0	0.18700E-05	481213.3	3774108.2	368.1	3.49	6.51	3.25
YES HRDOW								
L0000264	0	0.18700E-05	481227.2	3774109.5	368.6	3.49	6.51	3.25
YES HRDOW								
L0000265	0	0.18700E-05	481241.2	3774110.8	369.0	3.49	6.51	3.25
YES HRDOW								
L0000266	0	0.18700E-05	481255.1	3774112.1	369.0	3.49	6.51	3.25
YES HRDOW								
L0000267	0	0.18700E-05	481269.1	3774113.2	369.0	3.49	6.51	3.25
YES HRDOW								
L0000268	0	0.18700E-05	481283.0	3774114.3	369.0	3.49	6.51	3.25
YES HRDOW								
L0000269	0	0.18700E-05	481297.0	3774115.4	369.0	3.49	6.51	3.25
YES HRDOW								
L0000270	0	0.18700E-05	481310.9	3774116.5	369.4	3.49	6.51	3.25
YES HRDOW								
L0000271	0	0.18700E-05	481324.9	3774117.6	369.8	3.49	6.51	3.25
YES HRDOW								
L0000272	0	0.18700E-05	481338.8	3774118.7	370.0	3.49	6.51	3.25
YES HRDOW								
L0000273	0	0.18700E-05	481352.8	3774119.8	370.0	3.49	6.51	3.25
YES HRDOW								
L0000274	0	0.18700E-05	481366.7	3774120.9	370.0	3.49	6.51	3.25
YES HRDOW								
L0000275	0	0.18700E-05	481380.7	3774122.1	370.0	3.49	6.51	3.25
YES HRDOW								
L0000276	0	0.18700E-05	481394.7	3774123.2	370.2	3.49	6.51	3.25
YES HRDOW								
L0000277	0	0.18700E-05	481408.6	3774124.3	370.6	3.49	6.51	3.25
YES HRDOW								
L0000278	0	0.18700E-05	481422.6	3774125.4	371.0	3.49	6.51	3.25
YES HRDOW								
L0000279	0	0.18700E-05	481436.5	3774126.5	371.0	3.49	6.51	3.25
YES HRDOW								
L0000280	0	0.18700E-05	481450.5	3774127.6	371.0	3.49	6.51	3.25
YES HRDOW								
L0000281	0	0.18700E-05	481464.4	3774128.7	371.1	3.49	6.51	3.25
YES HRDOW								
L0000282	0	0.18700E-05	481478.4	3774129.8	371.2	3.49	6.51	3.25
YES HRDOW								
L0000283	0	0.18700E-05	481492.3	3774130.9	371.5	3.49	6.51	3.25
YES HRDOW								
L0000284	0	0.18700E-05	481506.3	3774132.0	371.9	3.49	6.51	3.25
YES HRDOW								
L0000285	0	0.18700E-05	481520.3	3774133.1	372.0	3.49	6.51	3.25
YES HRDOW								
L0000286	0	0.18700E-05	481534.2	3774134.2	372.0	3.49	6.51	3.25
YES HRDOW								
L0000287	0	0.18700E-05	481548.2	3774135.3	372.0	3.49	6.51	3.25
YES HRDOW								
L0000288	0	0.18700E-05	481562.1	3774136.4	372.0	3.49	6.51	3.25
YES HRDOW								
L0000289	0	0.18700E-05	481576.1	3774137.6	372.2	3.49	6.51	3.25
YES HRDOW								
L0000290	0	0.18700E-05	481590.0	3774138.7	372.7	3.49	6.51	3.25
YES HRDOW								
L0000291	0	0.18700E-05	481604.0	3774139.8	373.1	3.49	6.51	3.25
YES HRDOW								
L0000292	0	0.18700E-05	481618.0	3774140.9	373.5	3.49	6.51	3.25
YES HRDOW								

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	
L0000293	0	0.18700E-05	481631.9	3774142.0	373.8	3.49	6.51	3.25	YES HRDOW
L0000294	0	0.18700E-05	481645.9	3774143.1	373.9	3.49	6.51	3.25	YES HRDOW
L0000295	0	0.18700E-05	481659.8	3774144.2	374.0	3.49	6.51	3.25	YES HRDOW
L0000296	0	0.18700E-05	481673.8	3774145.3	374.0	3.49	6.51	3.25	YES HRDOW
L0000297	0	0.18700E-05	481687.7	3774146.4	374.0	3.49	6.51	3.25	YES HRDOW
L0000298	0	0.18700E-05	481701.7	3774147.5	374.2	3.49	6.51	3.25	YES HRDOW
L0000299	0	0.18700E-05	481715.6	3774148.6	374.5	3.49	6.51	3.25	YES HRDOW

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	VOL8 , VOL9 , VOL10 , VOL11 , VOL12 , VOL13 , VOL14 , VOL15 ,
	VOL16 , VOL17 , VOL18 , VOL19 , VOL20 , VOL21 , VOL22 , VOL23 ,
	VOL24 , VOL25 , VOL26 , VOL27 , VOL28 , VOL29 , VOL30 , VOL31 ,
	VOL32 , VOL33 , VOL34 , VOL35 , L0000001 , L0000002 , L0000003 , L0000004 ,
	L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 ,
	L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 ,

L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 ,

L0000029 , L0000030 , L0000031 , L0000032 , L0000033 , L0000034 ,
L0000035 , L0000036 ,

L0000037 , L0000038 , L0000039 , L0000040 , L0000041 , L0000042 ,
L0000043 , L0000044 ,

L0000045 , L0000046 , L0000047 , L0000048 , L0000049 , L0000050 ,
L0000051 , L0000052 ,

L0000053 , L0000054 , L0000055 , L0000056 , L0000057 , L0000058 ,
L0000059 , L0000060 ,

L0000061 , L0000062 , L0000063 , L0000064 , L0000065 , L0000066 ,
L0000067 , L0000068 ,

L0000069 , L0000070 , L0000071 , L0000072 , L0000073 , L0000074 ,
L0000075 , L0000076 ,

L0000077 , L0000078 , L0000079 , L0000080 , L0000081 , L0000082 ,
L0000083 , L0000084 ,

L0000085 , L0000086 , L0000087 , L0000088 , L0000089 , L0000090 ,
L0000091 , L0000092 ,

L0000093 , L0000094 , L0000095 , L0000096 , L0000097 , L0000098 ,
L0000099 , L0000100 ,

L0000101 , L0000102 , L0000103 , L0000104 , L0000105 , L0000106 ,
L0000107 , L0000108 ,

L0000109 , L0000110 , L0000111 , L0000112 , L0000113 , L0000114 ,
L0000115 , L0000116 ,

L0000117 , L0000118 , L0000119 , L0000120 , L0000121 , L0000122 ,
L0000123 , L0000124 ,

L0000125 , L0000126 , L0000127 , L0000128 , L0000129 , L0000130 ,
L0000131 , L0000132 ,

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
	L0000133 , L0000134 , L0000135 , L0000136 , L0000137 , L0000138 , L0000139 , L0000140 ,
	L0000141 , L0000142 , L0000143 , L0000144 , L0000145 , L0000146 , L0000147 , L0000148 ,
	L0000149 , L0000150 , L0000151 , L0000152 , L0000153 , L0000154 , L0000155 , L0000156 ,
	L0000157 , L0000158 , L0000159 , L0000160 , L0000161 , L0000162 ,

L0000163 , L0000164 ,

L0000165 , L0000166 , L0000167 , L0000168 , L0000169 , L0000170 ,
L0000171 , L0000172 ,

L0000173 , L0000174 , L0000175 , L0000176 , L0000177 , L0000178 ,
L0000179 , L0000180 ,

L0000181 , L0000182 , L0000183 , L0000184 , L0000185 , L0000186 ,
L0000187 , L0000188 ,

L0000189 , L0000190 , L0000191 , L0000192 , L0000193 , L0000194 ,
L0000195 , L0000196 ,

L0000197 , L0000198 , L0000199 , L0000200 , L0000201 , L0000202 ,
L0000203 , L0000204 ,

L0000205 , L0000206 , L0000207 , L0000208 , L0000209 , L0000210 ,
L0000211 , L0000212 ,

L0000213 , L0000214 , L0000215 , L0000216 , L0000217 , L0000218 ,
L0000219 , L0000220 ,

L0000221 , L0000222 , L0000223 , L0000224 , L0000225 , L0000226 ,
L0000227 , L0000228 ,

L0000229 , L0000230 , L0000231 , L0000232 , L0000233 , L0000234 ,
L0000235 , L0000236 ,

L0000237 , L0000238 , L0000239 , L0000240 , L0000241 , L0000242 ,
L0000243 , L0000244 ,

L0000245 , L0000246 , L0000247 , L0000248 , L0000249 , L0000250 ,
L0000251 , L0000252 ,

L0000253 , L0000254 , L0000255 , L0000256 , L0000257 , L0000258 ,
L0000259 , L0000260 ,

L0000261 , L0000262 , L0000263 , L0000264 , L0000265 , L0000266 ,
L0000267 , L0000268 ,

L0000269 , L0000270 , L0000271 , L0000272 , L0000273 , L0000274 ,
L0000275 , L0000276 ,

L0000277 , L0000278 , L0000279 , L0000280 , L0000281 , L0000282 ,
L0000283 , L0000284 ,

L0000285 , L0000286 , L0000287 , L0000288 , L0000289 , L0000290 ,
L0000291 , L0000292 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

L0000293 , L0000294 , L0000295 , L0000296 , L0000297 , L0000298 ,
L0000299 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs
	2035210.	VOL8 , VOL9 , VOL10 , VOL11 , VOL12 , VOL13 , VOL14 , VOL15 ,
		VOL16 , VOL17 , VOL18 , VOL19 , VOL20 , VOL21 , VOL22 , VOL23 ,
		VOL24 , VOL25 , VOL26 , VOL27 , VOL28 , VOL29 , VOL30 , VOL31 ,
		VOL32 , VOL33 , VOL34 , VOL35 , L0000001 , L0000002 , L0000003 , L0000004 ,
		L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 ,
		L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 ,
		L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 ,
		L0000029 , L0000030 , L0000031 , L0000032 , L0000033 , L0000034 , L0000035 , L0000036 ,
		L0000037 , L0000038 , L0000039 , L0000040 , L0000041 , L0000042 , L0000043 , L0000044 ,
		L0000045 , L0000046 , L0000047 , L0000048 , L0000049 , L0000050 , L0000051 , L0000052 ,
		L0000053 , L0000054 , L0000055 , L0000056 , L0000057 , L0000058 , L0000059 , L0000060 ,
		L0000061 , L0000062 , L0000063 , L0000064 , L0000065 , L0000066 , L0000067 , L0000068 ,
		L0000069 , L0000070 , L0000071 , L0000072 , L0000073 , L0000074 , L0000075 , L0000076 ,
		L0000077 , L0000078 , L0000079 , L0000080 , L0000081 , L0000082 , L0000083 , L0000084 ,
		L0000085 , L0000086 , L0000087 , L0000088 , L0000089 , L0000090 , L0000091 , L0000092 ,
		L0000093 , L0000094 , L0000095 , L0000096 , L0000097 , L0000098 , L0000099 , L0000100 ,
		L0000101 , L0000102 , L0000103 , L0000104 , L0000105 , L0000106 , L0000107 , L0000108 ,

L0000109 , L0000110 , L0000111 , L0000112 , L0000113 , L0000114 ,
L0000115 , L0000116 ,

L0000117 , L0000118 , L0000119 , L0000120 , L0000121 , L0000122 ,
L0000123 , L0000124 ,

L0000125 , L0000126 , L0000127 , L0000128 , L0000129 , L0000130 ,
L0000131 , L0000132 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs

L0000133 , L0000134 , L0000135 , L0000136 , L0000137 , L0000138 ,
L0000139 , L0000140 ,

L0000141 , L0000142 , L0000143 , L0000144 , L0000145 , L0000146 ,
L0000147 , L0000148 ,

L0000149 , L0000150 , L0000151 , L0000152 , L0000153 , L0000154 ,
L0000155 , L0000156 ,

L0000157 , L0000158 , L0000159 , L0000160 , L0000161 , L0000162 ,
L0000163 , L0000164 ,

L0000165 , L0000166 , L0000167 , L0000168 , L0000169 , L0000170 ,
L0000171 , L0000172 ,

L0000173 , L0000174 , L0000175 , L0000176 , L0000177 , L0000178 ,
L0000179 , L0000180 ,

L0000181 , L0000182 , L0000183 , L0000184 , L0000185 , L0000186 ,
L0000187 , L0000188 ,

L0000189 , L0000190 , L0000191 , L0000192 , L0000193 , L0000194 ,
L0000195 , L0000196 ,

L0000197 , L0000198 , L0000199 , L0000200 , L0000201 , L0000202 ,
L0000203 , L0000204 ,

L0000205 , L0000206 , L0000207 , L0000208 , L0000209 , L0000210 ,
L0000211 , L0000212 ,

L0000213 , L0000214 , L0000215 , L0000216 , L0000217 , L0000218 ,
L0000219 , L0000220 ,

L0000221 , L0000222 , L0000223 , L0000224 , L0000225 , L0000226 ,
L0000227 , L0000228 ,

L0000229 , L0000230 , L0000231 , L0000232 , L0000233 , L0000234 ,
L0000235 , L0000236 ,

L0000237 , L0000238 , L0000239 , L0000240 , L0000241 , L0000242 ,
L0000243 , L0000244 ,

```
            L0000245    , L0000246    , L0000247    , L0000248    , L0000249    , L0000250    ,
            L0000251    , L0000252    ,

            L0000253    , L0000254    , L0000255    , L0000256    , L0000257    , L0000258    ,
            L0000259    , L0000260    ,

            L0000261    , L0000262    , L0000263    , L0000264    , L0000265    , L0000266    ,
            L0000267    , L0000268    ,

            L0000269    , L0000270    , L0000271    , L0000272    , L0000273    , L0000274    ,
            L0000275    , L0000276    ,

            L0000277    , L0000278    , L0000279    , L0000280    , L0000281    , L0000282    ,
            L0000283    , L0000284    ,

            L0000285    , L0000286    , L0000287    , L0000288    , L0000289    , L0000290    ,
            L0000291    , L0000292    ,
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:48:15

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


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

  URBAN ID   URBAN POP                                  SOURCE IDs
  --------   ---------                                  ----------


            L0000293    , L0000294    , L0000295    , L0000296    , L0000297    , L0000298    ,
            L0000299    ,
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:48:15

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

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

 SOURCE ID = VOL8         ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
```

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

SOURCE ID = VOL9 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = VOL10 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = VOL13 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = VOL14 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = VOL15 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = VOL16 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = VOL17 ; SOURCE TYPE = VOLUME :

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

```
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   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 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***        09:48:15

                     PAGE  27
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = VOL18        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***        09:48:15

                     PAGE  28
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = VOL19        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
```

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

```
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -
```

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

SOURCE ID = VOL23 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = VOL24 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = VOL25 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

DAY OF WEEK = SUNDAY

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

SOURCE ID = VOL27 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

DAY OF WEEK = SATURDAY

DAY OF WEEK = SUNDAY

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

SOURCE ID = VOL28 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

```
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   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 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:48:15

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

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

 SOURCE ID = VOL29        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:48:15

                     PAGE  39
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

SOURCE ID = VOL30 ; SOURCE TYPE = VOLUME :

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

- - - -

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

SOURCE ID = VOL32   ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -

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

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

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00								
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 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and Sterling\14057 Op *** 11/07/23
*** AERMET - VERSION 16216 ***
*** *** 09:48:15

PAGE 45

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000001 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

FF *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and Sterling\14057 Op *** 11/07/23
*** AERMET - VERSION 16216 ***
*** *** 09:48:15

PAGE 46

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000002 ; SOURCE TYPE = VOLUME :

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

- - - - - - - - - - - - - - - - - -

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000003 ; SOURCE TYPE = VOLUME :

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

- - - - - - - - - - - - - - - - -

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

SOURCE ID = L0000004 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

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

DAY OF WEEK = SATURDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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

DAY OF WEEK = SUNDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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

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

SOURCE ID = L0000005 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

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

DAY OF WEEK = SATURDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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

DAY OF WEEK = SUNDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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

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

SOURCE ID = L0000006 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000007 ; SOURCE TYPE = VOLUME :

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

```
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:48:15

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

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

 SOURCE ID = L0000008     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:48:15

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

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

 SOURCE ID = L0000009     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
```

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000010 ; SOURCE TYPE = VOLUME :

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

- - - -

```
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  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 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       09:48:15

                     PAGE  56
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000012     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       09:48:15
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000013 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	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 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and Sterling\14057 Op *** 11/07/23
*** AERMET - VERSION 16216 ***
*** *** 09:48:15

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000014 ; SOURCE TYPE = VOLUME :

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

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

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

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

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

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

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

SOURCE ID = L0000016 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

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

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

DAY OF WEEK = SUNDAY

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

SOURCE ID = L0000017 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000018 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

(HRDOW) *

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000022 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000023 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

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

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

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

```
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   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 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:48:15

                      PAGE  70
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000026     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   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 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:48:15

                      PAGE  71
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000027     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
```

- - - -

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

SOURCE ID = L0000029 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000030 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

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

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

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

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

SOURCE ID = L0000032 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

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

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14

DAY OF WEEK = SUNDAY

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

SOURCE ID = L0000033 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

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

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

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and Sterling\14057 Op *** 11/07/23
*** AERMET - VERSION 16216 ***
*** *** 09:48:15

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

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

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

```
 SOURCE ID = L0000036     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:48:15

                      PAGE  81
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000037     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000038 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000039 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000040 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000041 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000044 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000045 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000046 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000047 ; SOURCE TYPE = VOLUME :

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000048 ; SOURCE TYPE = VOLUME :

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

```
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***        09:48:15

                     PAGE  93
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000049     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***        09:48:15

                     PAGE  94
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000050     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    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

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

SOURCE ID = L0000051 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

```
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -
```

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

SOURCE ID = L0000054 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000055 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000056 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000057 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

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

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

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

SOURCE ID = L0000058 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

```
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   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 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:48:15

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

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

 SOURCE ID = L0000060     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:48:15

                     PAGE 105
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

SOURCE ID = L0000061 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

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

SOURCE ID = L0000063   ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -

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

FF *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and Sterling\14057 Op *** 11/07/23
*** AERMET - VERSION 16216 ***
*** *** 09:48:15

PAGE 109
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

DAY OF WEEK = SATURDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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

DAY OF WEEK = SUNDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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

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

SOURCE ID = L0000067 ; SOURCE TYPE = VOLUME :

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

- - - -

- - - - - - - - - - - - - - - - - -

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000069 ; SOURCE TYPE = VOLUME :

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

- - - - - - - - - - - - - - - - -

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

SOURCE ID = L0000070 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

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

DAY OF WEEK = SATURDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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

DAY OF WEEK = SUNDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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

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

SOURCE ID = L0000071 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

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

DAY OF WEEK = SATURDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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

DAY OF WEEK = SUNDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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

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

SOURCE ID = L0000072 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000073 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

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

DAY OF WEEK = SUNDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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

FF *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and Sterling\14057 Op *** 11/07/23

*** AERMET - VERSION 16216 ***

*** *** 09:48:15

PAGE 118

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000074 ; SOURCE TYPE = VOLUME :

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

- - - -

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000076 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000077 ; SOURCE TYPE = VOLUME :

```
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       09:48:15

                    PAGE 122
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000078     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       09:48:15
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000079 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000080 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000081 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000082 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

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

DAY OF WEEK = SUNDAY

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

FF *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and Sterling\14057 Op *** 11/07/23
*** AERMET - VERSION 16216 ***
*** *** 09:48:15

PAGE 127
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000083 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

FF *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and Sterling\14057 Op *** 11/07/23
*** AERMET - VERSION 16216 ***
*** *** 09:48:15

PAGE 128
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000084 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000085 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

(HRDOW) *

SOURCE ID = L0000086 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

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

SOURCE ID = L0000088 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000089 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

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

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

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

```
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   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 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:48:15

                      PAGE 136
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000092     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:48:15

                      PAGE 137
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000093     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
```

- - - -

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

SOURCE ID = L0000095 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000096 ; SOURCE TYPE = VOLUME :

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

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

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

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

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

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

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

SOURCE ID = L0000098 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

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

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000099 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000100 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000101 ; SOURCE TYPE = VOLUME :

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

- - - -

```
 SOURCE ID = L0000102     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:48:15

                      PAGE 147
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000103     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000104 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000105 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

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

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

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

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

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

SOURCE ID = L0000107 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

FF *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and Sterling\14057 Op *** 11/07/23
*** AERMET - VERSION 16216 ***
*** *** 09:48:15

PAGE 152

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000108 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and Sterling\14057 Op *** 11/07/23
*** AERMET - VERSION 16216 ***
*** *** 09:48:15

PAGE 153

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000109 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000110 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000111 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000112 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000113 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000114 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.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
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***        09:48:15

                     PAGE 159
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000115     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   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 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***        09:48:15

                     PAGE 160
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000116     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    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

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

SOURCE ID = L0000117 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

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 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -
```

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

SOURCE ID = L0000120 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000121 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000122 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

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

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and Sterling\14057 Op *** 11/07/23
*** AERMET - VERSION 16216 ***
*** *** 09:48:15

PAGE 168
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

```
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   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 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:48:15

                     PAGE 170
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000126     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:48:15

                     PAGE 171
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

SOURCE ID = L0000127 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

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

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

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

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

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00								
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 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and Sterling\14057 Op *** 11/07/23
*** AERMET - VERSION 16216 ***
*** *** 09:48:15

PAGE 177
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000133 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00								
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 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and Sterling\14057 Op *** 11/07/23
*** AERMET - VERSION 16216 ***
*** *** 09:48:15

PAGE 178
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000134 ; SOURCE TYPE = VOLUME :

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

- - - - - - - - - - - - - - - - - -

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000135 ; SOURCE TYPE = VOLUME :

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

- - - - - - - - - - - - - - - - -

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

SOURCE ID = L0000136 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

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

DAY OF WEEK = SATURDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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

DAY OF WEEK = SUNDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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

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

SOURCE ID = L0000137 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

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

DAY OF WEEK = SATURDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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

DAY OF WEEK = SUNDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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

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

SOURCE ID = L0000138 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000139 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

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

DAY OF WEEK = SUNDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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

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

SOURCE ID = L0000140 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

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

DAY OF WEEK = SATURDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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

DAY OF WEEK = SUNDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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

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

SOURCE ID = L0000141 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000142 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000143 ; SOURCE TYPE = VOLUME :

```
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  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 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       09:48:15

                     PAGE 188
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000144     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  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 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       09:48:15
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000145 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	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 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and Sterling\14057 Op *** 11/07/23
*** AERMET - VERSION 16216 ***
*** *** 09:48:15

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000146 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000147 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000148 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

SOURCE ID = L0000149 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000151 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

(HRDOW) *

SOURCE ID = L0000152 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

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

SOURCE ID = L0000154 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000155 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

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

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

SOURCE ID = L0000156 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000158 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000159 ; SOURCE TYPE = VOLUME :

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

- - - -

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

SOURCE ID = L0000161 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000162 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000163 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

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

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

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

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

SOURCE ID = L0000164 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

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

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14

```
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:48:15

                     PAGE 209
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000165     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:48:15

                     PAGE 210
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000166     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
```

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

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

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

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

SOURCE ID = L0000167 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

```
 SOURCE ID = L0000168     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   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 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:48:15

                      PAGE 213
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000169     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000170 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000171 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000172 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000173 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000174 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000176 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000177 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000178 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000179 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000180 ; SOURCE TYPE = VOLUME :

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

```
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***        09:48:15

                     PAGE 225
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000181     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   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 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***        09:48:15

                     PAGE 226
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000182     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
```

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000183 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

```
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -
```

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

SOURCE ID = L0000186 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000187 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000188 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000189 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

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

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

FF *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and Sterling\14057 Op *** 11/07/23
*** AERMET - VERSION 16216 ***
*** *** 09:48:15

PAGE 234
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000190 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

```
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   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 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:48:15

                     PAGE 236
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000192     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:48:15

                     PAGE 237
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

SOURCE ID = L0000193 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

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

SOURCE ID = L0000195   ; 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 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and Sterling\14057 Op *** 11/07/23
*** AERMET - VERSION 16216 ***
*** *** 09:48:15

PAGE 241
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000197 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

DAY OF WEEK = SATURDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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

DAY OF WEEK = SUNDAY

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

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and Sterling\14057 Op *** 11/07/23

*** AERMET - VERSION 16216 ***

*** *** 09:48:15

PAGE 243

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000199 ; SOURCE TYPE = VOLUME :

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

- - - -

- - - - - - - - - - - - - - - - - -

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000201 ; SOURCE TYPE = VOLUME :

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

- - - - - - - - - - - - - - - - -

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

SOURCE ID = L0000202 ; SOURCE TYPE = VOLUME :

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

- - - -

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

SOURCE ID = L0000204 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000205 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

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

                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:48:15

                     PAGE 250
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000206     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -

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

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

                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:48:15

                     PAGE 251
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000207     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -

                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
```

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000208 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000209 ; SOURCE TYPE = VOLUME :

```
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       09:48:15

                     PAGE 254
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000210     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       09:48:15
```

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

SOURCE ID = L0000211 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000212 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000213 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000214 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

SOURCE ID = L0000215 ; SOURCE TYPE = VOLUME :

DAY OF WEEK = WEEKDAY

DAY OF WEEK = SATURDAY

DAY OF WEEK = SUNDAY

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

SOURCE ID = L0000216 ; SOURCE TYPE = VOLUME :

DAY OF WEEK = WEEKDAY

```
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  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 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:48:15

                     PAGE 261
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000217     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  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 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:48:15

                     PAGE 262
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

SOURCE ID = L0000218 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

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

SOURCE ID = L0000220 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000221 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000222 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000223 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22

```
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:48:15

                     PAGE 268
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = L0000224     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   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 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:48:15

                     PAGE 269
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = L0000225     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
```

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000227 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000228 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00										

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000229 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000230 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14

.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000231 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000232 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000233 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

```
 SOURCE ID = L0000234     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   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 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:48:15

                      PAGE 279
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = L0000235     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   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 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000236 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000237 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6			

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000238 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000240 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000242 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000243 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000244 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000245 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000246 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22													

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000247 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000248 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000249 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

```
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000252 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000253 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000254 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000255 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000256 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

```
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   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 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:48:15

                     PAGE 302
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = L0000258     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   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 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:48:15

                     PAGE 303
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *
```

SOURCE ID = L0000259 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000260 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                  (HRDOW) *

SOURCE ID = L0000261   ; 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 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and Sterling\14057 Op *** 11/07/23
*** AERMET - VERSION 16216 ***
*** *** 09:48:15

PAGE 307
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000263 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000265 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR						

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000266 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR						

- - - - - - - - - - - - - - - - - -

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000267 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - - - - - - - - - - - - - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000268 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

FF *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and Sterling\14057 Op *** 11/07/23
*** AERMET - VERSION 16216 ***
*** *** 09:48:15

PAGE 313

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000269 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000270 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000271 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and Sterling\14057 Op *** 11/07/23
*** AERMET - VERSION 16216 ***
*** *** 09:48:15

PAGE 316

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000272 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000274 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000275 ; SOURCE TYPE = VOLUME :

```
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  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 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       09:48:15

                     PAGE 320
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = L0000276     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  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 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       09:48:15
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000277 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

FF *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and Sterling\14057 Op *** 11/07/23
*** AERMET - VERSION 16216 ***
*** *** 09:48:15

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000278 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000279 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000280 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6			

.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

FF *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and Sterling\14057 Op *** 11/07/23
*** AERMET - VERSION 16216 ***
*** *** 09:48:15

PAGE 325
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000281 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and Sterling\14057 Op *** 11/07/23
*** AERMET - VERSION 16216 ***
*** *** 09:48:15

PAGE 326
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000282 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000283 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

(HRDOW) *

SOURCE ID = L0000284 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000286 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000287 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000288 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

```
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   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 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:48:15

                     PAGE 334
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = L0000290     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   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 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:48:15

                     PAGE 335
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = L0000291     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
```

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000293 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000294 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00										

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000295 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000296 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14

.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000297 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000298 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

FF *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and Sterling\14057 Op *** 11/07/23
*** AERMET - VERSION 16216 ***
*** *** 09:48:15

PAGE 343
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000299 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

FF *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and Sterling\14057 Op *** 11/07/23
*** AERMET - VERSION 16216 ***
*** *** 09:48:15

PAGE 344
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(477503.0, 3774328.7, 336.0, 336.0, 0.0); (477503.6, 3774366.3,
336.0, 336.0, 0.0);
(477505.8, 3774423.1, 336.0, 336.0, 0.0); (477480.9, 3774424.7,
336.0, 336.0, 0.0);
(477452.5, 3774421.9, 336.0, 336.0, 0.0); (477428.0, 3774421.9,
336.0, 336.0, 0.0);
(477410.8, 3774421.9, 336.0, 336.0, 0.0); (476711.5, 3774443.3,
331.0, 331.0, 0.0);
(476638.7, 3774423.4, 330.0, 330.0, 0.0); (476532.6, 3774423.8,
329.1, 329.1, 0.0);
(476393.7, 3774421.5, 328.0, 328.0, 0.0); (477121.8, 3774215.8,
332.3, 332.3, 0.0);
(477098.1, 3774154.4, 332.0, 332.0, 0.0); (477117.6, 3774134.6,
332.0, 332.0, 0.0);
(477164.5, 3774218.5, 333.4, 333.4, 0.0); (477166.1, 3774306.9,
333.8, 333.8, 0.0);
(476586.0, 3774180.6, 329.4, 329.4, 0.0); (476555.9, 3774222.3,
329.0, 329.0, 0.0);
(476468.9, 3774177.0, 328.0, 328.0, 0.0); (476389.5, 3774215.9,
328.0, 328.0, 0.0);
(476189.5, 3774218.6, 326.9, 326.9, 0.0); (476083.3, 3774180.4,
326.0, 326.0, 0.0);
(478077.0, 3774359.4, 340.0, 340.0, 0.0); (478134.1, 3774332.4,
341.0, 341.0, 0.0);
(478133.5, 3774380.4, 341.0, 341.0, 0.0); (478150.1, 3774391.9,
341.0, 341.0, 0.0);
(477984.3, 3774451.7, 340.0, 340.0, 0.0); (478108.7, 3774449.6,
340.8, 340.8, 0.0);
(478150.0, 3774480.3, 341.0, 341.0, 0.0); (478206.9, 3774442.6,
341.2, 341.2, 0.0);
(478242.5, 3774430.6, 342.0, 342.0, 0.0); (478346.3, 3774432.7,
342.6, 342.6, 0.0);
(478348.2, 3774385.6, 342.6, 342.6, 0.0); (478350.8, 3774489.9,
342.7, 342.7, 0.0);
(478310.0, 3774485.2, 342.0, 342.0, 0.0); (477488.5, 3774529.5,
336.0, 336.0, 0.0);
(477583.3, 3774571.7, 337.0, 337.0, 0.0); (477607.6, 3774622.3,
337.0, 337.0, 0.0);
(477734.1, 3774622.9, 338.0, 338.0, 0.0); (477919.9, 3774622.3,
339.3, 339.3, 0.0);
(477724.7, 3773945.7, 337.0, 337.0, 0.0); (478134.3, 3774173.7,
340.6, 340.6, 0.0);
(478243.0, 3773918.1, 341.1, 341.1, 0.0); (478266.4, 3774154.7,
342.0, 342.0, 0.0);
(478256.6, 3774234.5, 342.0, 342.0, 0.0); (478344.7, 3774236.1,
342.0, 342.0, 0.0);
(478438.7, 3774231.4, 343.0, 343.0, 0.0); (478366.2, 3774189.5,
342.0, 342.0, 0.0);
(479160.7, 3774261.8, 349.0, 349.0, 0.0); (479239.6, 3774223.9,
349.3, 349.3, 0.0);
(479387.2, 3774230.3, 350.2, 350.2, 0.0); (479746.6, 3774221.2,
353.2, 353.2, 0.0);
(480161.8, 3774208.6, 357.0, 357.0, 0.0); (480252.7, 3774201.1,
358.0, 358.0, 0.0);
(480281.2, 3774152.8, 358.0, 358.0, 0.0); (480763.6, 3774447.3,
363.1, 363.1, 0.0);
(480762.3, 3774719.1, 364.0, 364.0, 0.0); (480720.1, 3774751.3,
364.0, 364.0, 0.0);
(480667.6, 3774695.8, 363.0, 363.0, 0.0); (479743.0, 3774618.0,
355.0, 355.0, 0.0);
(479927.3, 3774618.0, 356.0, 356.0, 0.0); (479754.0, 3774708.8,
355.0, 355.0, 0.0);
(478276.8, 3774298.5, 342.0, 342.0,
0.0);

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

```
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1
```

```
- - - - - - - - - - - - -
 12 01 01   1 01  -10.6  0.149 -9.000 -9.000 -999.  138.     26.7  0.32   3.22   1.00    1.30
 110.    9.1  285.4    5.5
 12 01 01   1 02   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
 130.    9.1  284.5    5.5
 12 01 01   1 03   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
 100.    9.1  285.0    5.5
 12 01 01   1 04   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
 107.    9.1  284.6    5.5
 12 01 01   1 05  -10.7  0.149 -9.000 -9.000 -999.  138.     26.7  0.32   3.22   1.00    1.30
 98.    9.1  284.9    5.5
 12 01 01   1 06   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
 86.    9.1  284.5    5.5
 12 01 01   1 07   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
 91.    9.1  284.0    5.5
 12 01 01   1 08   -4.0  0.102 -9.000 -9.000 -999.   78.     22.9  0.32   3.22   0.54    0.90
 107.    9.1  285.0    5.5
 12 01 01   1 09   44.6  0.237  0.382  0.006   43.  276.    -25.6  0.15   3.22   0.33    2.10
 81.   10.1  289.1    5.5
 12 01 01   1 10  134.3  0.111  0.882  0.008  176.   99.     -1.0  0.32   3.22   0.26    0.40
 72.    9.1  295.1    5.5
 12 01 01   1 11  199.8  0.409  1.429  0.005  503.  627.    -29.4  0.15   3.22   0.23    3.68
 78.   10.1  297.9    5.5
 12 01 01   1 12  232.3  0.300  1.889  0.005  999.  402.    -10.0  0.32   3.22   0.22    1.80
 333.    9.1  299.4    5.5
 12 01 01   1 13  230.0  0.300  2.134  0.005 1453.  394.    -10.1  0.32   3.22   0.22    1.80
 72.    9.1  300.4    5.5
 12 01 01   1 14  194.0  0.294  2.109  0.005 1663.  382.    -11.2  0.32   3.22   0.24    1.80
 277.    9.1  301.0    5.5
 12 01 01   1 15  126.3  0.378  1.872  0.005 1784.  557.    -36.5  0.32   3.22   0.27    2.70
 243.    9.1  301.0    5.5
 12 01 01   1 16   39.5  0.199  1.278  0.005 1817.  240.    -17.2  0.32   3.22   0.36    1.30
 274.    9.1  300.1    5.5
 12 01 01   1 17   -4.7  0.101 -9.000 -9.000 -999.   85.     19.0  0.32   3.22   0.65    0.90
 252.    9.1  298.2    5.5
 12 01 01   1 18   -4.9  0.102 -9.000 -9.000 -999.   78.     18.2  0.32   3.22   1.00    0.90
 116.    9.1  296.4    5.5
 12 01 01   1 19  -18.8  0.204 -9.000 -9.000 -999.  220.     45.6  0.15   3.22   1.00    2.27
 79.   10.1  292.2    5.5
 12 01 01   1 20   -5.0  0.102 -9.000 -9.000 -999.   83.     18.1  0.32   3.22   1.00    0.90
 95.    9.1  290.2    5.5
 12 01 01   1 21   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
 99.    9.1  287.8    5.5
 12 01 01   1 22   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
 110.    9.1  287.6    5.5
 12 01 01   1 23  -10.6  0.149 -9.000 -9.000 -999.  138.     26.8  0.32   3.22   1.00    1.30
 89.    9.1  287.2    5.5
 12 01 01   1 24   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
 105.    9.1  285.9    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01    5.5 0 -999.  -99.00   285.5   99.0  -99.00  -99.00
 12 01 01 01    9.1 1  110.    1.30  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       09:48:15

                      PAGE 347
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                           *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR
```

SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL8 , VOL9 ,
VOL10 , VOL11 , VOL12 ,
VOL13 , VOL14 , VOL15 , VOL16 , VOL17 ,
VOL18 , VOL19 , VOL20 ,
VOL21 , VOL22 , VOL23 , VOL24 , VOL25 ,
VOL26 , VOL27 , VOL28 ,
VOL29 , VOL30 , VOL31 , VOL32 , VOL33 ,
VOL34 , VOL35 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
477503.05	3774328.69	0.01848	477503.65	3774366.33	0.01605
477505.84	3774423.09	0.00943	477480.94	3774424.68	0.00709
477452.46	3774421.89	0.00545	477427.97	3774421.89	0.00439
477410.84	3774421.89	0.00382	476711.54	3774443.29	0.00037
476638.67	3774423.45	0.00034	476532.60	3774423.83	0.00030
476393.73	3774421.54	0.00026	477121.83	3774215.83	0.00093
477098.13	3774154.38	0.00084	477117.60	3774134.57	0.00088
477164.55	3774218.49	0.00108	477166.14	3774306.89	0.00111
476585.96	3774180.60	0.00032	476555.89	3774222.33	0.00031
476468.87	3774176.96	0.00028	476389.46	3774215.90	0.00026
476189.52	3774218.61	0.00022	476083.35	3774180.39	0.00020
478077.01	3774359.40	0.05981	478134.08	3774332.39	0.02611
478133.53	3774380.36	0.01894	478150.07	3774391.93	0.01456
477984.30	3774451.72	0.01794	478108.73	3774449.61	0.01132
478149.98	3774480.31	0.00674	478206.92	3774442.58	0.00670
478242.54	3774430.63	0.00597	478346.35	3774432.74	0.00374
478348.23	3774385.64	0.00446	478350.81	3774489.92	0.00287
478310.03	3774485.23	0.00337	477488.54	3774529.51	0.00360
477583.26	3774571.67	0.00391	477607.58	3774622.27	0.00305
477734.08	3774622.92	0.00364	477919.94	3774622.27	0.00382
477724.68	3773945.66	0.00304	478134.34	3774173.69	0.01940
478243.00	3773918.09	0.00251	478266.38	3774154.67	0.00782
478256.62	3774234.55	0.01075	478344.67	3774236.14	0.00672
478438.69	3774231.36	0.00486	478366.21		

```
        3774189.53        0.00675
        479160.72    3774261.80        0.00116                    479239.60
        3774223.95        0.00211
        479387.22    3774230.33        0.00163                    479746.64
        3774221.22        0.00184
        480161.85    3774208.57        0.00143                    480252.68
        3774201.11        0.00140
        480281.23    3774152.78        0.00173                    480763.59
        3774447.32        0.00025
        480762.29    3774719.15        0.00020                    480720.12
        3774751.27        0.00019
        480667.57    3774695.80        0.00021                    479742.96
        3774617.99        0.00034
        479927.31    3774617.99        0.00030                    479754.05
        3774708.85        0.00031
        478276.79    3774298.50
        0.00849

FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                ***        09:48:15

                    PAGE 348
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                   *** THE SUMMARY OF MAXIMUM PERIOD ( 43848 HRS) RESULTS
                                   ***


                                ** CONC OF DPM      IN
                                MICROGRAMS/M**3                          **


           NETWORK
GROUP ID                        AVERAGE CONC                RECEPTOR  (XR, YR, ZELEV, ZHILL,
ZFLAG)  OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - -

ALL       1ST HIGHEST VALUE IS       0.05981 AT (  478077.01,  3774359.40,   340.00,
340.00,    0.00)  DC
          2ND HIGHEST VALUE IS       0.02611 AT (  478134.08,  3774332.39,   341.00,
          341.00,    0.00)  DC
          3RD HIGHEST VALUE IS       0.01940 AT (  478134.34,  3774173.69,   340.61,
          340.61,    0.00)  DC
          4TH HIGHEST VALUE IS       0.01894 AT (  478133.53,  3774380.36,   341.00,
          341.00,    0.00)  DC
          5TH HIGHEST VALUE IS       0.01848 AT (  477503.05,  3774328.69,   336.00,
          336.00,    0.00)  DC
          6TH HIGHEST VALUE IS       0.01794 AT (  477984.30,  3774451.72,   340.00,
          340.00,    0.00)  DC
          7TH HIGHEST VALUE IS       0.01605 AT (  477503.65,  3774366.33,   336.00,
          336.00,    0.00)  DC
          8TH HIGHEST VALUE IS       0.01456 AT (  478150.07,  3774391.93,   341.00,
          341.00,    0.00)  DC
          9TH HIGHEST VALUE IS       0.01132 AT (  478108.73,  3774449.61,   340.79,
          340.79,    0.00)  DC
         10TH HIGHEST VALUE IS       0.01075 AT (  478256.62,  3774234.55,   342.00,
         342.00,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** Message Summary : AERMOD Model Execution ***

--------- Summary of Total Messages --------

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 388 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 191 Calm Hours Identified

A Total of 197 Missing Hours Identified (0.45 Percent)

******** FATAL ERROR MESSAGES ********
*** NONE ***

******** WARNING MESSAGES ********
ME W186 4760 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 4760 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

****
*** AERMOD Finishes Successfully ***
****

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 11.2.0
** Lakes Environmental Software Inc.
** Date: 11/7/2023
** File: C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and Sterling\14057 Cons With PDFs\14057
Cons With PDFs.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and Sterling\14057 Op
   MODELOPT DFAULT CONC
   AVERTIME PERIOD
   URBANOPT 2035210 San_Bernardino_County
   POLLUTID DPM
   RUNORNOT RUN
   ERRORFIL "14057 Cons With PDFs.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL8         VOLUME     477568.193  3774357.402      336.760
   LOCATION VOL9         VOLUME     477568.666  3774297.864      336.630
   LOCATION VOL10        VOLUME     477568.666  3774237.855      336.000
   LOCATION VOL11        VOLUME     478095.045  3774249.668      340.170
   LOCATION VOL12        VOLUME     477632.613  3774238.012      337.000
   LOCATION VOL13        VOLUME     477632.140  3774357.559      337.000
   LOCATION VOL14        VOLUME     477632.613  3774298.021      337.000
   LOCATION VOL15        VOLUME     477695.929  3774238.957      337.000
   LOCATION VOL16        VOLUME     477695.456  3774358.504      337.000
   LOCATION VOL17        VOLUME     477695.929  3774298.966      337.000
   LOCATION VOL18        VOLUME     477759.719  3774239.429      338.000
   LOCATION VOL19        VOLUME     477759.246  3774358.977      338.000
   LOCATION VOL20        VOLUME     477759.719  3774299.438      338.000
   LOCATION VOL21        VOLUME     477823.508  3774239.429      338.000
   LOCATION VOL22        VOLUME     477823.035  3774358.977      338.000
   LOCATION VOL23        VOLUME     477823.508  3774299.438      338.000
   LOCATION VOL24        VOLUME     477887.770  3774239.429      338.590
   LOCATION VOL25        VOLUME     477887.297  3774358.977      339.000
   LOCATION VOL26        VOLUME     477887.770  3774299.438      339.000
   LOCATION VOL27        VOLUME     477951.559  3774238.957      339.000
   LOCATION VOL28        VOLUME     477951.086  3774358.504      339.370
   LOCATION VOL29        VOLUME     477951.559  3774298.966      339.000
   LOCATION VOL30        VOLUME     478015.348  3774240.374      340.000
   LOCATION VOL31        VOLUME     478014.875  3774359.922      340.000
   LOCATION VOL32        VOLUME     478015.348  3774300.384      340.000
   LOCATION VOL33        VOLUME     478040.392  3774242.737      340.000
   LOCATION VOL34        VOLUME     478039.918  3774362.285      340.000
   LOCATION VOL35        VOLUME     478040.392  3774302.746      340.000
** ----------------------------------------------------------------------
```

```
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE1
** DESCRSRC
** PREFIX
** Length of Side = 14.00
** Configuration = Adjacent
** Emission Rate = 0.0005590376
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 15
** 477542.518, 3774194.492, 336.00, 3.49, 6.51
** 478308.912, 3774207.573, 342.00, 3.49, 6.51
** 478395.862, 3774204.495, 342.13, 3.49, 6.51
** 478759.053, 3774206.804, 345.00, 3.49, 6.51
** 479183.802, 3774204.495, 348.86, 3.49, 6.51
** 479660.105, 3774202.957, 352.87, 3.49, 6.51
** 479828.619, 3774199.879, 353.03, 3.49, 6.51
** 479932.498, 3774199.879, 354.00, 3.49, 6.51
** 479998.672, 3774196.801, 354.97, 3.49, 6.51
** 480525.761, 3774152.171, 360.93, 3.49, 6.51
** 480760.450, 3774133.704, 363.99, 3.49, 6.51
** 481042.846, 3774110.620, 366.33, 3.49, 6.51
** 481165.192, 3774103.695, 367.95, 3.49, 6.51
** 481255.990, 3774112.159, 368.95, 3.49, 6.51
** 481721.520, 3774149.093, 374.90, 3.49, 6.51
** ----------------------------------------------------------------------
   LOCATION L0000001     VOLUME   477549.517 3774194.612 336.00
   LOCATION L0000002     VOLUME   477563.515 3774194.851 336.00
   LOCATION L0000003     VOLUME   477577.513 3774195.090 336.00
   LOCATION L0000004     VOLUME   477591.511 3774195.329 336.00
   LOCATION L0000005     VOLUME   477605.509 3774195.567 336.00
   LOCATION L0000006     VOLUME   477619.507 3774195.806 336.32
   LOCATION L0000007     VOLUME   477633.505 3774196.045 336.78
   LOCATION L0000008     VOLUME   477647.503 3774196.284 337.00
   LOCATION L0000009     VOLUME   477661.501 3774196.523 337.00
   LOCATION L0000010     VOLUME   477675.499 3774196.762 337.00
   LOCATION L0000011     VOLUME   477689.497 3774197.001 337.00
   LOCATION L0000012     VOLUME   477703.495 3774197.240 337.00
   LOCATION L0000013     VOLUME   477717.492 3774197.479 337.00
   LOCATION L0000014     VOLUME   477731.490 3774197.718 337.00
   LOCATION L0000015     VOLUME   477745.488 3774197.957 337.03
   LOCATION L0000016     VOLUME   477759.486 3774198.196 337.06
   LOCATION L0000017     VOLUME   477773.484 3774198.435 337.49
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** End of LINE VOLUME Source ID = SLINE1
** Source Parameters **
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   SRCPARAM VOL10        0.0000532971     5.000    14.726     1.400
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   SRCPARAM VOL15        0.0000532971     5.000    14.726     1.400
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   SRCPARAM VOL22        0.0000532971     5.000    14.726     1.400
   SRCPARAM VOL23        0.0000532971     5.000    14.726     1.400
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   SRCPARAM VOL31        0.0000532971     5.000    14.726     1.400
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   SRCPARAM L0000027     0.00000187      3.49      6.51      3.25
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SRCPARAM L0000106     0.00000187      3.49      6.51      3.25
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   SRCPARAM L0000298     0.00000187      3.49      6.51      3.25
   SRCPARAM L0000299     0.00000187      3.49      6.51      3.25
** ------------------------------------------------------------------
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
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** WeekDays:
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL8         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL8         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL9         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL9         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL10        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL10        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL11        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL11        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL12        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL12        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL13        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL13        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL13        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL14        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL14        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL15        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL15        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL15        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL16        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL17        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL17        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL18        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL18        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL19        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL19        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL20        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL20        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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   EMISFACT VOL21        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL21        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL22        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL22        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL23        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL23        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL24        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL24        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL25        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL25        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL26        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL26        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL27        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL27        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL27        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL28        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL28        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL28        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL29        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL29        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL29        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL30        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL30        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL31        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL31        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL32        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL32        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL32        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL33        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL33        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL33        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL34        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL34        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
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   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL34        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL35        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL35        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT L0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000001     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0000001     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0000002     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0000003     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000004     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0000004     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000005     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0000005     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000006     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0000006     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000007     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0000007     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000008     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0000008     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000009     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0000009     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000010     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT L0000010     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000011     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0000011     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000012     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0000012     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0000013     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0000014     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0000015     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0000016     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0000017     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0000018     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0000019     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0000020     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0000021     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0000022     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0000023     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0000024     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0000025     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0000026     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0000027     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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EMISFACT L0000027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0000028     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000028     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0000029     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000029     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0000030     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0000031     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0000032     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0000033     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0000034     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000034     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0000035     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000035     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0000036     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000036     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0000037     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000037     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0000038     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000038     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0000039     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000039     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0000040     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000040     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0000041     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000041     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000042     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0000042     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000042     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0000043     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000043     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000044     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT L0000044     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000044     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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EMISFACT L0000045     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000242     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000294     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000295     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000295     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000295     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000295     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000296     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000296     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000296     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000296     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000297     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000297     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000297     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000297     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000298     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000298     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000298     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000298     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000299     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000299     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000299     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000299     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "14057 Cons With PDFs.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
```

```
**
**
ME STARTING
   SURFFILE RDLD_V9_ADJU\RDLD_v9.SFC
   PROFFILE RDLD_V9_ADJU\RDLD_v9.PFL
   SURFDATA 3171 2012
   UAIRDATA 3190 2012
   SITEDATA 99999 2012
   PROFBASE 481.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
** Auto-Generated Plotfiles
   PLOTFILE PERIOD ALL "14057 CONS WITH PDFS.AD\PE00GALL.PLT" 31
   SUMMFILE "14057 Cons With PDFs.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    4760       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187    4760       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 **********************************
 *** SETUP Finishes Successfully ***
 **********************************

FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        10:17:29

                      PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                          ***     MODEL SETUP OPTIONS SUMMARY       ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
```

```
     * Use Missing Data Processing Routine.
     * No Exponential Decay.
     * Model Uses URBAN Dispersion Algorithm for the SBL for   327 Source(s),
       for Total of    1 Urban Area(s):
  Urban Population =   2035210.0 ;  Urban Roughness Length =  1.000 m
     * Urban Roughness Length of 1.0 Meter Used.
     * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
     * TEMP_Sub - Meteorological data includes TEMP substitutions
     * Model Assumes No FLAGPOLE Receptor Heights.
     * The User Specified a Pollutant Type of: DPM

 **Model Calculates PERIOD Averages Only

 **This Run Includes:    327 Source(s);       1 Source Group(s); and      63 Receptor(s)

               with:      0 POINT(s), including
                          0 POINTCAP(s) and      0 POINTHOR(s)
                and:    327 VOLUME source(s)
                and:      0 AREA type source(s)
                and:      0 LINE source(s)
                and:      0 RLINE/RLINEXT source(s)
                and:      0 OPENPIT source(s)
                and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  16216

 **Output Options Selected:
         Model Outputs Tables of PERIOD Averages by Receptor
         Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
         Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing Hours
                                                                 b for Both Calm and Missing
                                                                 Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =   481.00 ;  Decay Coef. =
 0.000     ;  Rot. Angle =     0.0
                Emission Units = GRAMS/SEC                                ;  Emission Rate
                Unit Factor =   0.10000E+07
                Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      3.8 MB of RAM.

 **Input Runstream File:
 aermod.inp
 **Output Print File:
 aermod.out

 **Detailed Error/Message File:   14057 Cons With
 PDFs.err
 **File for Summary of Results:   14057 Cons With
 PDFs.sum
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***       10:17:29

                     PAGE   2
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART. SCALAR CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	VARY BY
VOL8	0	0.53297E-04	477568.2	3774357.4	336.8	5.00	14.73	1.40	YES HRDOW
VOL9	0	0.53297E-04	477568.7	3774297.9	336.6	5.00	14.73	1.40	YES HRDOW
VOL10	0	0.53297E-04	477568.7	3774237.9	336.0	5.00	14.73	1.40	YES HRDOW
VOL11	0	0.53297E-04	478095.0	3774249.7	340.2	5.00	14.73	1.40	YES HRDOW
VOL12	0	0.53297E-04	477632.6	3774238.0	337.0	5.00	14.73	1.40	YES HRDOW
VOL13	0	0.53297E-04	477632.1	3774357.6	337.0	5.00	14.73	1.40	YES HRDOW
VOL14	0	0.53297E-04	477632.6	3774298.0	337.0	5.00	14.73	1.40	YES HRDOW
VOL15	0	0.53297E-04	477695.9	3774239.0	337.0	5.00	14.73	1.40	YES HRDOW
VOL16	0	0.53297E-04	477695.5	3774358.5	337.0	5.00	14.73	1.40	YES HRDOW
VOL17	0	0.53297E-04	477695.9	3774299.0	337.0	5.00	14.73	1.40	YES HRDOW
VOL18	0	0.53297E-04	477759.7	3774239.4	338.0	5.00	14.73	1.40	YES HRDOW
VOL19	0	0.53297E-04	477759.2	3774359.0	338.0	5.00	14.73	1.40	YES HRDOW
VOL20	0	0.53297E-04	477759.7	3774299.4	338.0	5.00	14.73	1.40	YES HRDOW
VOL21	0	0.53297E-04	477823.5	3774239.4	338.0	5.00	14.73	1.40	YES HRDOW
VOL22	0	0.53297E-04	477823.0	3774359.0	338.0	5.00	14.73	1.40	YES HRDOW
VOL23	0	0.53297E-04	477823.5	3774299.4	338.0	5.00	14.73	1.40	YES HRDOW
VOL24	0	0.53297E-04	477887.8	3774239.4	338.6	5.00	14.73	1.40	YES HRDOW
VOL25	0	0.53297E-04	477887.3	3774359.0	339.0	5.00	14.73	1.40	YES HRDOW
VOL26	0	0.53297E-04	477887.8	3774299.4	339.0	5.00	14.73	1.40	YES HRDOW
VOL27	0	0.53297E-04	477951.6	3774239.0	339.0	5.00	14.73	1.40	YES HRDOW
VOL28	0	0.53297E-04	477951.1	3774358.5	339.4	5.00	14.73	1.40	YES HRDOW
VOL29	0	0.53297E-04	477951.6	3774299.0	339.0	5.00	14.73	1.40	YES HRDOW
VOL30	0	0.53297E-04	478015.3	3774240.4	340.0	5.00	14.73	1.40	YES HRDOW
VOL31	0	0.53297E-04	478014.9	3774359.9	340.0	5.00	14.73	1.40	YES HRDOW
VOL32	0	0.53297E-04	478015.3	3774300.4	340.0	5.00	14.73	1.40	YES HRDOW
VOL33	0	0.53297E-04	478040.4	3774242.7	340.0	5.00	14.73	1.40	YES HRDOW
VOL34	0	0.53297E-04	478039.9	3774362.3	340.0	5.00	14.73	1.40	YES HRDOW
VOL35	0	0.53297E-04	478040.4	3774302.7	340.0	5.00	14.73	1.40	

YES HRDOW
L0000001 0 0.18700E-05 477549.5 3774194.6 336.0 3.49 6.51 3.25
YES HRDOW
L0000002 0 0.18700E-05 477563.5 3774194.9 336.0 3.49 6.51 3.25
YES HRDOW
L0000003 0 0.18700E-05 477577.5 3774195.1 336.0 3.49 6.51 3.25
YES HRDOW
L0000004 0 0.18700E-05 477591.5 3774195.3 336.0 3.49 6.51 3.25
YES HRDOW
L0000005 0 0.18700E-05 477605.5 3774195.6 336.0 3.49 6.51 3.25
YES HRDOW
L0000006 0 0.18700E-05 477619.5 3774195.8 336.3 3.49 6.51 3.25
YES HRDOW
L0000007 0 0.18700E-05 477633.5 3774196.0 336.8 3.49 6.51 3.25
YES HRDOW
L0000008 0 0.18700E-05 477647.5 3774196.3 337.0 3.49 6.51 3.25
YES HRDOW
L0000009 0 0.18700E-05 477661.5 3774196.5 337.0 3.49 6.51 3.25
YES HRDOW
L0000010 0 0.18700E-05 477675.5 3774196.8 337.0 3.49 6.51 3.25
YES HRDOW
L0000011 0 0.18700E-05 477689.5 3774197.0 337.0 3.49 6.51 3.25
YES HRDOW
L0000012 0 0.18700E-05 477703.5 3774197.2 337.0 3.49 6.51 3.25
YES HRDOW
FF *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and Sterling\14057 Op *** 11/07/23
*** AERMET - VERSION 16216 ***
*** *** 10:17:29

PAGE 3
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
L0000013	0	0.18700E-05	477717.5	3774197.5	337.0	3.49	6.51	3.25	YES HRDOW
L0000014	0	0.18700E-05	477731.5	3774197.7	337.0	3.49	6.51	3.25	YES HRDOW
L0000015	0	0.18700E-05	477745.5	3774198.0	337.0	3.49	6.51	3.25	YES HRDOW
L0000016	0	0.18700E-05	477759.5	3774198.2	337.1	3.49	6.51	3.25	YES HRDOW
L0000017	0	0.18700E-05	477773.5	3774198.4	337.5	3.49	6.51	3.25	YES HRDOW
L0000018	0	0.18700E-05	477787.5	3774198.7	337.9	3.49	6.51	3.25	YES HRDOW
L0000019	0	0.18700E-05	477801.5	3774198.9	338.0	3.49	6.51	3.25	YES HRDOW
L0000020	0	0.18700E-05	477815.5	3774199.2	338.0	3.49	6.51	3.25	YES HRDOW
L0000021	0	0.18700E-05	477829.5	3774199.4	338.0	3.49	6.51	3.25	YES HRDOW
L0000022	0	0.18700E-05	477843.5	3774199.6	338.0	3.49	6.51	3.25	YES HRDOW
L0000023	0	0.18700E-05	477857.5	3774199.9	338.0	3.49	6.51	3.25	

```
 YES   HRDOW
 L0000024         0   0.18700E-05  477871.5 3774200.1   338.0     3.49     6.51     3.25
 YES   HRDOW
 L0000025         0   0.18700E-05  477885.5 3774200.3   338.2     3.49     6.51     3.25
 YES   HRDOW
 L0000026         0   0.18700E-05  477899.5 3774200.6   338.7     3.49     6.51     3.25
 YES   HRDOW
 L0000027         0   0.18700E-05  477913.5 3774200.8   339.0     3.49     6.51     3.25
 YES   HRDOW
 L0000028         0   0.18700E-05  477927.5 3774201.1   339.0     3.49     6.51     3.25
 YES   HRDOW
 L0000029         0   0.18700E-05  477941.5 3774201.3   339.0     3.49     6.51     3.25
 YES   HRDOW
 L0000030         0   0.18700E-05  477955.5 3774201.5   339.0     3.49     6.51     3.25
 YES   HRDOW
 L0000031         0   0.18700E-05  477969.5 3774201.8   339.0     3.49     6.51     3.25
 YES   HRDOW
 L0000032         0   0.18700E-05  477983.5 3774202.0   339.4     3.49     6.51     3.25
 YES   HRDOW
 L0000033         0   0.18700E-05  477997.5 3774202.3   339.9     3.49     6.51     3.25
 YES   HRDOW
 L0000034         0   0.18700E-05  478011.5 3774202.5   340.0     3.49     6.51     3.25
 YES   HRDOW
 L0000035         0   0.18700E-05  478025.4 3774202.7   340.0     3.49     6.51     3.25
 YES   HRDOW
 L0000036         0   0.18700E-05  478039.4 3774203.0   340.0     3.49     6.51     3.25
 YES   HRDOW
 L0000037         0   0.18700E-05  478053.4 3774203.2   340.0     3.49     6.51     3.25
 YES   HRDOW
 L0000038         0   0.18700E-05  478067.4 3774203.5   340.0     3.49     6.51     3.25
 YES   HRDOW
 L0000039         0   0.18700E-05  478081.4 3774203.7   340.0     3.49     6.51     3.25
 YES   HRDOW
 L0000040         0   0.18700E-05  478095.4 3774203.9   340.2     3.49     6.51     3.25
 YES   HRDOW
 L0000041         0   0.18700E-05  478109.4 3774204.2   340.7     3.49     6.51     3.25
 YES   HRDOW
 L0000042         0   0.18700E-05  478123.4 3774204.4   341.0     3.49     6.51     3.25
 YES   HRDOW
 L0000043         0   0.18700E-05  478137.4 3774204.6   341.0     3.49     6.51     3.25
 YES   HRDOW
 L0000044         0   0.18700E-05  478151.4 3774204.9   341.0     3.49     6.51     3.25
 YES   HRDOW
 L0000045         0   0.18700E-05  478165.4 3774205.1   341.0     3.49     6.51     3.25
 YES   HRDOW
 L0000046         0   0.18700E-05  478179.4 3774205.4   341.0     3.49     6.51     3.25
 YES   HRDOW
 L0000047         0   0.18700E-05  478193.4 3774205.6   341.0     3.49     6.51     3.25
 YES   HRDOW
 L0000048         0   0.18700E-05  478207.4 3774205.8   341.0     3.49     6.51     3.25
 YES   HRDOW
 L0000049         0   0.18700E-05  478221.4 3774206.1   341.4     3.49     6.51     3.25
 YES   HRDOW
 L0000050         0   0.18700E-05  478235.4 3774206.3   341.9     3.49     6.51     3.25
 YES   HRDOW
 L0000051         0   0.18700E-05  478249.4 3774206.6   342.0     3.49     6.51     3.25
 YES   HRDOW
 L0000052         0   0.18700E-05  478263.4 3774206.8   342.0     3.49     6.51     3.25
 YES   HRDOW
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:17:29

                      PAGE   4
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	SCALAR VARY BY
L0000053	0	0.18700E-05	478277.4	3774207.0	342.0	3.49	6.51	3.25	YES HRDOW
L0000054	0	0.18700E-05	478291.4	3774207.3	342.0	3.49	6.51	3.25	YES HRDOW
L0000055	0	0.18700E-05	478305.4	3774207.5	342.0	3.49	6.51	3.25	YES HRDOW
L0000056	0	0.18700E-05	478319.4	3774207.2	342.0	3.49	6.51	3.25	YES HRDOW
L0000057	0	0.18700E-05	478333.4	3774206.7	342.0	3.49	6.51	3.25	YES HRDOW
L0000058	0	0.18700E-05	478347.4	3774206.2	342.0	3.49	6.51	3.25	YES HRDOW
L0000059	0	0.18700E-05	478361.4	3774205.7	342.0	3.49	6.51	3.25	YES HRDOW
L0000060	0	0.18700E-05	478375.4	3774205.2	342.2	3.49	6.51	3.25	YES HRDOW
L0000061	0	0.18700E-05	478389.4	3774204.7	342.3	3.49	6.51	3.25	YES HRDOW
L0000062	0	0.18700E-05	478403.4	3774204.5	342.6	3.49	6.51	3.25	YES HRDOW
L0000063	0	0.18700E-05	478417.4	3774204.6	342.9	3.49	6.51	3.25	YES HRDOW
L0000064	0	0.18700E-05	478431.4	3774204.7	343.0	3.49	6.51	3.25	YES HRDOW
L0000065	0	0.18700E-05	478445.4	3774204.8	343.0	3.49	6.51	3.25	YES HRDOW
L0000066	0	0.18700E-05	478459.4	3774204.9	343.0	3.49	6.51	3.25	YES HRDOW
L0000067	0	0.18700E-05	478473.3	3774205.0	343.0	3.49	6.51	3.25	YES HRDOW
L0000068	0	0.18700E-05	478487.3	3774205.1	343.1	3.49	6.51	3.25	YES HRDOW
L0000069	0	0.18700E-05	478501.3	3774205.2	343.2	3.49	6.51	3.25	YES HRDOW
L0000070	0	0.18700E-05	478515.3	3774205.3	343.4	3.49	6.51	3.25	YES HRDOW
L0000071	0	0.18700E-05	478529.3	3774205.3	343.8	3.49	6.51	3.25	YES HRDOW
L0000072	0	0.18700E-05	478543.3	3774205.4	344.0	3.49	6.51	3.25	YES HRDOW
L0000073	0	0.18700E-05	478557.3	3774205.5	344.0	3.49	6.51	3.25	YES HRDOW
L0000074	0	0.18700E-05	478571.3	3774205.6	344.0	3.49	6.51	3.25	YES HRDOW
L0000075	0	0.18700E-05	478585.3	3774205.7	344.0	3.49	6.51	3.25	YES HRDOW
L0000076	0	0.18700E-05	478599.3	3774205.8	344.0	3.49	6.51	3.25	YES HRDOW
L0000077	0	0.18700E-05	478613.3	3774205.9	344.0	3.49	6.51	3.25	YES HRDOW
L0000078	0	0.18700E-05	478627.3	3774206.0	344.0	3.49	6.51	3.25	YES HRDOW
L0000079	0	0.18700E-05	478641.3	3774206.1	344.0	3.49	6.51	3.25	

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 YES   HRDOW
 L0000080         0   0.18700E-05  478655.3 3774206.1   344.0     3.49     6.51     3.25
 YES   HRDOW
 L0000081         0   0.18700E-05  478669.3 3774206.2   344.3     3.49     6.51     3.25
 YES   HRDOW
 L0000082         0   0.18700E-05  478683.3 3774206.3   344.8     3.49     6.51     3.25
 YES   HRDOW
 L0000083         0   0.18700E-05  478697.3 3774206.4   345.0     3.49     6.51     3.25
 YES   HRDOW
 L0000084         0   0.18700E-05  478711.3 3774206.5   345.0     3.49     6.51     3.25
 YES   HRDOW
 L0000085         0   0.18700E-05  478725.3 3774206.6   345.0     3.49     6.51     3.25
 YES   HRDOW
 L0000086         0   0.18700E-05  478739.3 3774206.7   345.0     3.49     6.51     3.25
 YES   HRDOW
 L0000087         0   0.18700E-05  478753.3 3774206.8   345.0     3.49     6.51     3.25
 YES   HRDOW
 L0000088         0   0.18700E-05  478767.3 3774206.8   345.0     3.49     6.51     3.25
 YES   HRDOW
 L0000089         0   0.18700E-05  478781.3 3774206.7   345.0     3.49     6.51     3.25
 YES   HRDOW
 L0000090         0   0.18700E-05  478795.3 3774206.6   345.0     3.49     6.51     3.25
 YES   HRDOW
 L0000091         0   0.18700E-05  478809.3 3774206.5   345.0     3.49     6.51     3.25
 YES   HRDOW
 L0000092         0   0.18700E-05  478823.3 3774206.5   345.4     3.49     6.51     3.25
 YES   HRDOW
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:17:29

                     PAGE   5
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  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
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 L0000093         0   0.18700E-05  478837.3 3774206.4   345.9     3.49     6.51     3.25
 YES   HRDOW
 L0000094         0   0.18700E-05  478851.3 3774206.3   346.0     3.49     6.51     3.25
 YES   HRDOW
 L0000095         0   0.18700E-05  478865.3 3774206.2   346.0     3.49     6.51     3.25
 YES   HRDOW
 L0000096         0   0.18700E-05  478879.3 3774206.1   346.1     3.49     6.51     3.25
 YES   HRDOW
 L0000097         0   0.18700E-05  478893.3 3774206.1   346.3     3.49     6.51     3.25
 YES   HRDOW
 L0000098         0   0.18700E-05  478907.3 3774206.0   346.5     3.49     6.51     3.25
 YES   HRDOW
 L0000099         0   0.18700E-05  478921.3 3774205.9   346.8     3.49     6.51     3.25
 YES   HRDOW
 L0000100         0   0.18700E-05  478935.3 3774205.8   347.0     3.49     6.51     3.25
 YES   HRDOW
 L0000101         0   0.18700E-05  478949.3 3774205.8   347.0     3.49     6.51     3.25
 YES   HRDOW
 L0000102         0   0.18700E-05  478963.3 3774205.7   347.0     3.49     6.51     3.25
```

YES HRDOW								
L0000103	0	0.18700E-05	478977.3	3774205.6	347.0	3.49	6.51	3.25
YES HRDOW								
L0000104	0	0.18700E-05	478991.3	3774205.5	347.1	3.49	6.51	3.25
YES HRDOW								
L0000105	0	0.18700E-05	479005.3	3774205.5	347.5	3.49	6.51	3.25
YES HRDOW								
L0000106	0	0.18700E-05	479019.3	3774205.4	348.0	3.49	6.51	3.25
YES HRDOW								
L0000107	0	0.18700E-05	479033.3	3774205.3	348.0	3.49	6.51	3.25
YES HRDOW								
L0000108	0	0.18700E-05	479047.3	3774205.2	348.0	3.49	6.51	3.25
YES HRDOW								
L0000109	0	0.18700E-05	479061.3	3774205.2	348.0	3.49	6.51	3.25
YES HRDOW								
L0000110	0	0.18700E-05	479075.3	3774205.1	348.0	3.49	6.51	3.25
YES HRDOW								
L0000111	0	0.18700E-05	479089.3	3774205.0	348.0	3.49	6.51	3.25
YES HRDOW								
L0000112	0	0.18700E-05	479103.3	3774204.9	348.0	3.49	6.51	3.25
YES HRDOW								
L0000113	0	0.18700E-05	479117.3	3774204.9	348.0	3.49	6.51	3.25
YES HRDOW								
L0000114	0	0.18700E-05	479131.3	3774204.8	348.0	3.49	6.51	3.25
YES HRDOW								
L0000115	0	0.18700E-05	479145.3	3774204.7	348.2	3.49	6.51	3.25
YES HRDOW								
L0000116	0	0.18700E-05	479159.3	3774204.6	348.7	3.49	6.51	3.25
YES HRDOW								
L0000117	0	0.18700E-05	479173.3	3774204.6	349.0	3.49	6.51	3.25
YES HRDOW								
L0000118	0	0.18700E-05	479187.3	3774204.5	349.0	3.49	6.51	3.25
YES HRDOW								
L0000119	0	0.18700E-05	479201.3	3774204.4	349.0	3.49	6.51	3.25
YES HRDOW								
L0000120	0	0.18700E-05	479215.3	3774204.4	349.0	3.49	6.51	3.25
YES HRDOW								
L0000121	0	0.18700E-05	479229.3	3774204.3	349.0	3.49	6.51	3.25
YES HRDOW								
L0000122	0	0.18700E-05	479243.3	3774204.3	349.1	3.49	6.51	3.25
YES HRDOW								
L0000123	0	0.18700E-05	479257.3	3774204.3	349.2	3.49	6.51	3.25
YES HRDOW								
L0000124	0	0.18700E-05	479271.3	3774204.2	349.6	3.49	6.51	3.25
YES HRDOW								
L0000125	0	0.18700E-05	479285.3	3774204.2	349.9	3.49	6.51	3.25
YES HRDOW								
L0000126	0	0.18700E-05	479299.3	3774204.1	350.0	3.49	6.51	3.25
YES HRDOW								
L0000127	0	0.18700E-05	479313.3	3774204.1	350.0	3.49	6.51	3.25
YES HRDOW								
L0000128	0	0.18700E-05	479327.3	3774204.0	350.0	3.49	6.51	3.25
YES HRDOW								
L0000129	0	0.18700E-05	479341.3	3774204.0	350.0	3.49	6.51	3.25
YES HRDOW								
L0000130	0	0.18700E-05	479355.3	3774203.9	350.0	3.49	6.51	3.25
YES HRDOW								
L0000131	0	0.18700E-05	479369.3	3774203.9	350.0	3.49	6.51	3.25
YES HRDOW								
L0000132	0	0.18700E-05	479383.3	3774203.9	350.0	3.49	6.51	3.25
YES HRDOW								

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN PART. SCALAR VARY BY	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	
L0000133	0	0.18700E-05	479397.3	3774203.8	350.2	3.49	6.51	3.25	YES HRDOW
L0000134	0	0.18700E-05	479411.3	3774203.8	350.3	3.49	6.51	3.25	YES HRDOW
L0000135	0	0.18700E-05	479425.3	3774203.7	350.6	3.49	6.51	3.25	YES HRDOW
L0000136	0	0.18700E-05	479439.3	3774203.7	351.0	3.49	6.51	3.25	YES HRDOW
L0000137	0	0.18700E-05	479453.3	3774203.6	351.0	3.49	6.51	3.25	YES HRDOW
L0000138	0	0.18700E-05	479467.3	3774203.6	351.0	3.49	6.51	3.25	YES HRDOW
L0000139	0	0.18700E-05	479481.3	3774203.5	351.0	3.49	6.51	3.25	YES HRDOW
L0000140	0	0.18700E-05	479495.3	3774203.5	351.0	3.49	6.51	3.25	YES HRDOW
L0000141	0	0.18700E-05	479509.3	3774203.4	351.3	3.49	6.51	3.25	YES HRDOW
L0000142	0	0.18700E-05	479523.3	3774203.4	351.8	3.49	6.51	3.25	YES HRDOW
L0000143	0	0.18700E-05	479537.3	3774203.4	352.0	3.49	6.51	3.25	YES HRDOW
L0000144	0	0.18700E-05	479551.3	3774203.3	352.0	3.49	6.51	3.25	YES HRDOW
L0000145	0	0.18700E-05	479565.3	3774203.3	352.0	3.49	6.51	3.25	YES HRDOW
L0000146	0	0.18700E-05	479579.3	3774203.2	352.0	3.49	6.51	3.25	YES HRDOW
L0000147	0	0.18700E-05	479593.3	3774203.2	352.0	3.49	6.51	3.25	YES HRDOW
L0000148	0	0.18700E-05	479607.3	3774203.1	352.0	3.49	6.51	3.25	YES HRDOW
L0000149	0	0.18700E-05	479621.3	3774203.1	352.1	3.49	6.51	3.25	YES HRDOW
L0000150	0	0.18700E-05	479635.3	3774203.0	352.5	3.49	6.51	3.25	YES HRDOW
L0000151	0	0.18700E-05	479649.3	3774203.0	353.0	3.49	6.51	3.25	YES HRDOW
L0000152	0	0.18700E-05	479663.3	3774202.9	353.0	3.49	6.51	3.25	YES HRDOW
L0000153	0	0.18700E-05	479677.3	3774202.6	353.0	3.49	6.51	3.25	YES HRDOW
L0000154	0	0.18700E-05	479691.3	3774202.4	353.0	3.49	6.51	3.25	YES HRDOW
L0000155	0	0.18700E-05	479705.3	3774202.1	353.0	3.49	6.51	3.25	YES HRDOW
L0000156	0	0.18700E-05	479719.3	3774201.9	353.0	3.49	6.51	3.25	YES HRDOW
L0000157	0	0.18700E-05	479733.3	3774201.6	353.0	3.49	6.51	3.25	YES HRDOW
L0000158	0	0.18700E-05	479747.3	3774201.4	353.0	3.49	6.51	3.25	

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 YES   HRDOW
 L0000159         0   0.18700E-05  479761.3 3774201.1   353.1     3.49     6.51     3.25
 YES   HRDOW
 L0000160         0   0.18700E-05  479775.3 3774200.9   353.2     3.49     6.51     3.25
 YES   HRDOW
 L0000161         0   0.18700E-05  479789.3 3774200.6   353.1     3.49     6.51     3.25
 YES   HRDOW
 L0000162         0   0.18700E-05  479803.3 3774200.3   353.1     3.49     6.51     3.25
 YES   HRDOW
 L0000163         0   0.18700E-05  479817.3 3774200.1   353.1     3.49     6.51     3.25
 YES   HRDOW
 L0000164         0   0.18700E-05  479831.3 3774199.9   353.2     3.49     6.51     3.25
 YES   HRDOW
 L0000165         0   0.18700E-05  479845.3 3774199.9   353.6     3.49     6.51     3.25
 YES   HRDOW
 L0000166         0   0.18700E-05  479859.3 3774199.9   354.0     3.49     6.51     3.25
 YES   HRDOW
 L0000167         0   0.18700E-05  479873.3 3774199.9   354.0     3.49     6.51     3.25
 YES   HRDOW
 L0000168         0   0.18700E-05  479887.3 3774199.9   354.0     3.49     6.51     3.25
 YES   HRDOW
 L0000169         0   0.18700E-05  479901.3 3774199.9   354.0     3.49     6.51     3.25
 YES   HRDOW
 L0000170         0   0.18700E-05  479915.3 3774199.9   354.0     3.49     6.51     3.25
 YES   HRDOW
 L0000171         0   0.18700E-05  479929.3 3774199.9   354.0     3.49     6.51     3.25
 YES   HRDOW
 L0000172         0   0.18700E-05  479943.3 3774199.4   354.0     3.49     6.51     3.25
 YES   HRDOW
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:17:29

                     PAGE   7
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  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
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 L0000173         0   0.18700E-05  479957.3 3774198.7   354.2     3.49     6.51     3.25
 YES   HRDOW
 L0000174         0   0.18700E-05  479971.3 3774198.1   354.7     3.49     6.51     3.25
 YES   HRDOW
 L0000175         0   0.18700E-05  479985.3 3774197.4   355.0     3.49     6.51     3.25
 YES   HRDOW
 L0000176         0   0.18700E-05  479999.2 3774196.8   355.0     3.49     6.51     3.25
 YES   HRDOW
 L0000177         0   0.18700E-05  480013.2 3774195.6   355.1     3.49     6.51     3.25
 YES   HRDOW
 L0000178         0   0.18700E-05  480027.1 3774194.4   355.6     3.49     6.51     3.25
 YES   HRDOW
 L0000179         0   0.18700E-05  480041.1 3774193.2   356.0     3.49     6.51     3.25
 YES   HRDOW
 L0000180         0   0.18700E-05  480055.0 3774192.0   356.0     3.49     6.51     3.25
 YES   HRDOW
 L0000181         0   0.18700E-05  480069.0 3774190.8   356.0     3.49     6.51     3.25
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YES HRDOW								
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YES HRDOW								
L0000183	0	0.18700E-05	480096.9	3774188.5	356.0	3.49	6.51	3.25
YES HRDOW								
L0000184	0	0.18700E-05	480110.8	3774187.3	356.4	3.49	6.51	3.25
YES HRDOW								
L0000185	0	0.18700E-05	480124.8	3774186.1	356.8	3.49	6.51	3.25
YES HRDOW								
L0000186	0	0.18700E-05	480138.7	3774184.9	357.0	3.49	6.51	3.25
YES HRDOW								
L0000187	0	0.18700E-05	480152.7	3774183.8	357.0	3.49	6.51	3.25
YES HRDOW								
L0000188	0	0.18700E-05	480166.6	3774182.6	357.0	3.49	6.51	3.25
YES HRDOW								
L0000189	0	0.18700E-05	480180.6	3774181.4	357.0	3.49	6.51	3.25
YES HRDOW								
L0000190	0	0.18700E-05	480194.5	3774180.2	357.2	3.49	6.51	3.25
YES HRDOW								
L0000191	0	0.18700E-05	480208.5	3774179.0	357.6	3.49	6.51	3.25
YES HRDOW								
L0000192	0	0.18700E-05	480222.4	3774177.9	358.0	3.49	6.51	3.25
YES HRDOW								
L0000193	0	0.18700E-05	480236.4	3774176.7	358.0	3.49	6.51	3.25
YES HRDOW								
L0000194	0	0.18700E-05	480250.3	3774175.5	358.0	3.49	6.51	3.25
YES HRDOW								
L0000195	0	0.18700E-05	480264.3	3774174.3	358.0	3.49	6.51	3.25
YES HRDOW								
L0000196	0	0.18700E-05	480278.2	3774173.1	358.0	3.49	6.51	3.25
YES HRDOW								
L0000197	0	0.18700E-05	480292.2	3774171.9	358.4	3.49	6.51	3.25
YES HRDOW								
L0000198	0	0.18700E-05	480306.1	3774170.8	358.9	3.49	6.51	3.25
YES HRDOW								
L0000199	0	0.18700E-05	480320.1	3774169.6	359.0	3.49	6.51	3.25
YES HRDOW								
L0000200	0	0.18700E-05	480334.0	3774168.4	359.0	3.49	6.51	3.25
YES HRDOW								
L0000201	0	0.18700E-05	480348.0	3774167.2	359.0	3.49	6.51	3.25
YES HRDOW								
L0000202	0	0.18700E-05	480361.9	3774166.0	359.0	3.49	6.51	3.25
YES HRDOW								
L0000203	0	0.18700E-05	480375.9	3774164.9	359.0	3.49	6.51	3.25
YES HRDOW								
L0000204	0	0.18700E-05	480389.8	3774163.7	359.0	3.49	6.51	3.25
YES HRDOW								
L0000205	0	0.18700E-05	480403.8	3774162.5	359.1	3.49	6.51	3.25
YES HRDOW								
L0000206	0	0.18700E-05	480417.7	3774161.3	359.6	3.49	6.51	3.25
YES HRDOW								
L0000207	0	0.18700E-05	480431.7	3774160.1	360.0	3.49	6.51	3.25
YES HRDOW								
L0000208	0	0.18700E-05	480445.6	3774159.0	360.0	3.49	6.51	3.25
YES HRDOW								
L0000209	0	0.18700E-05	480459.6	3774157.8	360.0	3.49	6.51	3.25
YES HRDOW								
L0000210	0	0.18700E-05	480473.5	3774156.6	360.0	3.49	6.51	3.25
YES HRDOW								
L0000211	0	0.18700E-05	480487.5	3774155.4	360.0	3.49	6.51	3.25
YES HRDOW								
L0000212	0	0.18700E-05	480501.4	3774154.2	360.4	3.49	6.51	3.25
YES HRDOW								

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	SCALAR VARY BY
L0000213	0	0.18700E-05	480515.4	3774153.0	360.9	3.49	6.51	3.25	YES HRDOW
L0000214	0	0.18700E-05	480529.3	3774151.9	361.0	3.49	6.51	3.25	YES HRDOW
L0000215	0	0.18700E-05	480543.3	3774150.8	361.0	3.49	6.51	3.25	YES HRDOW
L0000216	0	0.18700E-05	480557.3	3774149.7	361.2	3.49	6.51	3.25	YES HRDOW
L0000217	0	0.18700E-05	480571.2	3774148.6	361.7	3.49	6.51	3.25	YES HRDOW
L0000218	0	0.18700E-05	480585.2	3774147.5	362.0	3.49	6.51	3.25	YES HRDOW
L0000219	0	0.18700E-05	480599.1	3774146.4	362.0	3.49	6.51	3.25	YES HRDOW
L0000220	0	0.18700E-05	480613.1	3774145.3	362.0	3.49	6.51	3.25	YES HRDOW
L0000221	0	0.18700E-05	480627.0	3774144.2	362.0	3.49	6.51	3.25	YES HRDOW
L0000222	0	0.18700E-05	480641.0	3774143.1	362.0	3.49	6.51	3.25	YES HRDOW
L0000223	0	0.18700E-05	480655.0	3774142.0	362.4	3.49	6.51	3.25	YES HRDOW
L0000224	0	0.18700E-05	480668.9	3774140.9	362.8	3.49	6.51	3.25	YES HRDOW
L0000225	0	0.18700E-05	480682.9	3774139.8	362.9	3.49	6.51	3.25	YES HRDOW
L0000226	0	0.18700E-05	480696.8	3774138.7	363.0	3.49	6.51	3.25	YES HRDOW
L0000227	0	0.18700E-05	480710.8	3774137.6	363.0	3.49	6.51	3.25	YES HRDOW
L0000228	0	0.18700E-05	480724.7	3774136.5	363.0	3.49	6.51	3.25	YES HRDOW
L0000229	0	0.18700E-05	480738.7	3774135.4	363.3	3.49	6.51	3.25	YES HRDOW
L0000230	0	0.18700E-05	480752.6	3774134.3	363.8	3.49	6.51	3.25	YES HRDOW
L0000231	0	0.18700E-05	480766.6	3774133.2	364.0	3.49	6.51	3.25	YES HRDOW
L0000232	0	0.18700E-05	480780.6	3774132.1	364.0	3.49	6.51	3.25	YES HRDOW
L0000233	0	0.18700E-05	480794.5	3774130.9	364.0	3.49	6.51	3.25	YES HRDOW
L0000234	0	0.18700E-05	480808.5	3774129.8	364.0	3.49	6.51	3.25	YES HRDOW
L0000235	0	0.18700E-05	480822.4	3774128.6	364.0	3.49	6.51	3.25	YES HRDOW
L0000236	0	0.18700E-05	480836.4	3774127.5	364.2	3.49	6.51	3.25	YES HRDOW
L0000237	0	0.18700E-05	480850.3	3774126.4	364.3	3.49	6.51	3.25	

YES HRDOW
L0000238 0 0.18700E-05 480864.3 3774125.2 364.7 3.49 6.51 3.25
YES HRDOW
L0000239 0 0.18700E-05 480878.2 3774124.1 365.0 3.49 6.51 3.25
YES HRDOW
L0000240 0 0.18700E-05 480892.2 3774122.9 365.0 3.49 6.51 3.25
YES HRDOW
L0000241 0 0.18700E-05 480906.1 3774121.8 365.0 3.49 6.51 3.25
YES HRDOW
L0000242 0 0.18700E-05 480920.1 3774120.7 365.0 3.49 6.51 3.25
YES HRDOW
L0000243 0 0.18700E-05 480934.0 3774119.5 365.0 3.49 6.51 3.25
YES HRDOW
L0000244 0 0.18700E-05 480948.0 3774118.4 365.3 3.49 6.51 3.25
YES HRDOW
L0000245 0 0.18700E-05 480962.0 3774117.2 365.7 3.49 6.51 3.25
YES HRDOW
L0000246 0 0.18700E-05 480975.9 3774116.1 366.0 3.49 6.51 3.25
YES HRDOW
L0000247 0 0.18700E-05 480989.9 3774115.0 366.0 3.49 6.51 3.25
YES HRDOW
L0000248 0 0.18700E-05 481003.8 3774113.8 366.0 3.49 6.51 3.25
YES HRDOW
L0000249 0 0.18700E-05 481017.8 3774112.7 366.0 3.49 6.51 3.25
YES HRDOW
L0000250 0 0.18700E-05 481031.7 3774111.5 366.1 3.49 6.51 3.25
YES HRDOW
L0000251 0 0.18700E-05 481045.7 3774110.5 366.5 3.49 6.51 3.25
YES HRDOW
L0000252 0 0.18700E-05 481059.7 3774109.7 367.0 3.49 6.51 3.25
YES HRDOW

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)
L0000253	0	0.18700E-05 YES HRDOW	481073.6	3774108.9	367.0	3.49	6.51	3.25
L0000254	0	0.18700E-05 YES HRDOW	481087.6	3774108.1	367.0	3.49	6.51	3.25
L0000255	0	0.18700E-05 YES HRDOW	481101.6	3774107.3	367.0	3.49	6.51	3.25
L0000256	0	0.18700E-05 YES HRDOW	481115.6	3774106.5	367.0	3.49	6.51	3.25
L0000257	0	0.18700E-05 YES HRDOW	481129.5	3774105.7	367.3	3.49	6.51	3.25
L0000258	0	0.18700E-05 YES HRDOW	481143.5	3774104.9	367.8	3.49	6.51	3.25
L0000259	0	0.18700E-05 YES HRDOW	481157.5	3774104.1	368.0	3.49	6.51	3.25
L0000260	0	0.18700E-05	481171.5	3774104.3	368.0	3.49	6.51	3.25

YES HRDOW								
L0000261	0	0.18700E-05	481185.4	3774105.6	368.0	3.49	6.51	3.25
YES HRDOW								
L0000262	0	0.18700E-05	481199.3	3774106.9	368.0	3.49	6.51	3.25
YES HRDOW								
L0000263	0	0.18700E-05	481213.3	3774108.2	368.1	3.49	6.51	3.25
YES HRDOW								
L0000264	0	0.18700E-05	481227.2	3774109.5	368.6	3.49	6.51	3.25
YES HRDOW								
L0000265	0	0.18700E-05	481241.2	3774110.8	369.0	3.49	6.51	3.25
YES HRDOW								
L0000266	0	0.18700E-05	481255.1	3774112.1	369.0	3.49	6.51	3.25
YES HRDOW								
L0000267	0	0.18700E-05	481269.1	3774113.2	369.0	3.49	6.51	3.25
YES HRDOW								
L0000268	0	0.18700E-05	481283.0	3774114.3	369.0	3.49	6.51	3.25
YES HRDOW								
L0000269	0	0.18700E-05	481297.0	3774115.4	369.0	3.49	6.51	3.25
YES HRDOW								
L0000270	0	0.18700E-05	481310.9	3774116.5	369.4	3.49	6.51	3.25
YES HRDOW								
L0000271	0	0.18700E-05	481324.9	3774117.6	369.8	3.49	6.51	3.25
YES HRDOW								
L0000272	0	0.18700E-05	481338.8	3774118.7	370.0	3.49	6.51	3.25
YES HRDOW								
L0000273	0	0.18700E-05	481352.8	3774119.8	370.0	3.49	6.51	3.25
YES HRDOW								
L0000274	0	0.18700E-05	481366.7	3774120.9	370.0	3.49	6.51	3.25
YES HRDOW								
L0000275	0	0.18700E-05	481380.7	3774122.1	370.0	3.49	6.51	3.25
YES HRDOW								
L0000276	0	0.18700E-05	481394.7	3774123.2	370.2	3.49	6.51	3.25
YES HRDOW								
L0000277	0	0.18700E-05	481408.6	3774124.3	370.6	3.49	6.51	3.25
YES HRDOW								
L0000278	0	0.18700E-05	481422.6	3774125.4	371.0	3.49	6.51	3.25
YES HRDOW								
L0000279	0	0.18700E-05	481436.5	3774126.5	371.0	3.49	6.51	3.25
YES HRDOW								
L0000280	0	0.18700E-05	481450.5	3774127.6	371.0	3.49	6.51	3.25
YES HRDOW								
L0000281	0	0.18700E-05	481464.4	3774128.7	371.1	3.49	6.51	3.25
YES HRDOW								
L0000282	0	0.18700E-05	481478.4	3774129.8	371.2	3.49	6.51	3.25
YES HRDOW								
L0000283	0	0.18700E-05	481492.3	3774130.9	371.5	3.49	6.51	3.25
YES HRDOW								
L0000284	0	0.18700E-05	481506.3	3774132.0	371.9	3.49	6.51	3.25
YES HRDOW								
L0000285	0	0.18700E-05	481520.3	3774133.1	372.0	3.49	6.51	3.25
YES HRDOW								
L0000286	0	0.18700E-05	481534.2	3774134.2	372.0	3.49	6.51	3.25
YES HRDOW								
L0000287	0	0.18700E-05	481548.2	3774135.3	372.0	3.49	6.51	3.25
YES HRDOW								
L0000288	0	0.18700E-05	481562.1	3774136.4	372.0	3.49	6.51	3.25
YES HRDOW								
L0000289	0	0.18700E-05	481576.1	3774137.6	372.2	3.49	6.51	3.25
YES HRDOW								
L0000290	0	0.18700E-05	481590.0	3774138.7	372.7	3.49	6.51	3.25
YES HRDOW								
L0000291	0	0.18700E-05	481604.0	3774139.8	373.1	3.49	6.51	3.25
YES HRDOW								
L0000292	0	0.18700E-05	481618.0	3774140.9	373.5	3.49	6.51	3.25
YES HRDOW								

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	
L0000293	0	0.18700E-05	481631.9	3774142.0	373.8	3.49	6.51	3.25	YES HRDOW
L0000294	0	0.18700E-05	481645.9	3774143.1	373.9	3.49	6.51	3.25	YES HRDOW
L0000295	0	0.18700E-05	481659.8	3774144.2	374.0	3.49	6.51	3.25	YES HRDOW
L0000296	0	0.18700E-05	481673.8	3774145.3	374.0	3.49	6.51	3.25	YES HRDOW
L0000297	0	0.18700E-05	481687.7	3774146.4	374.0	3.49	6.51	3.25	YES HRDOW
L0000298	0	0.18700E-05	481701.7	3774147.5	374.2	3.49	6.51	3.25	YES HRDOW
L0000299	0	0.18700E-05	481715.6	3774148.6	374.5	3.49	6.51	3.25	YES HRDOW

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	VOL8 , VOL9 , VOL10 , VOL11 , VOL12 , VOL13 , VOL14 , VOL15 ,
	VOL16 , VOL17 , VOL18 , VOL19 , VOL20 , VOL21 , VOL22 , VOL23 ,
	VOL24 , VOL25 , VOL26 , VOL27 , VOL28 , VOL29 , VOL30 , VOL31 ,
	VOL32 , VOL33 , VOL34 , VOL35 , L0000001 , L0000002 , L0000003 , L0000004 ,
	L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 ,
	L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 ,

L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
L0000027 , L0000028 ,

L0000029 , L0000030 , L0000031 , L0000032 , L0000033 , L0000034 ,
L0000035 , L0000036 ,

L0000037 , L0000038 , L0000039 , L0000040 , L0000041 , L0000042 ,
L0000043 , L0000044 ,

L0000045 , L0000046 , L0000047 , L0000048 , L0000049 , L0000050 ,
L0000051 , L0000052 ,

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L0000059 , L0000060 ,

L0000061 , L0000062 , L0000063 , L0000064 , L0000065 , L0000066 ,
L0000067 , L0000068 ,

L0000069 , L0000070 , L0000071 , L0000072 , L0000073 , L0000074 ,
L0000075 , L0000076 ,

L0000077 , L0000078 , L0000079 , L0000080 , L0000081 , L0000082 ,
L0000083 , L0000084 ,

L0000085 , L0000086 , L0000087 , L0000088 , L0000089 , L0000090 ,
L0000091 , L0000092 ,

L0000093 , L0000094 , L0000095 , L0000096 , L0000097 , L0000098 ,
L0000099 , L0000100 ,

L0000101 , L0000102 , L0000103 , L0000104 , L0000105 , L0000106 ,
L0000107 , L0000108 ,

L0000109 , L0000110 , L0000111 , L0000112 , L0000113 , L0000114 ,
L0000115 , L0000116 ,

L0000117 , L0000118 , L0000119 , L0000120 , L0000121 , L0000122 ,
L0000123 , L0000124 ,

L0000125 , L0000126 , L0000127 , L0000128 , L0000129 , L0000130 ,
L0000131 , L0000132 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

L0000133 , L0000134 , L0000135 , L0000136 , L0000137 , L0000138 ,
L0000139 , L0000140 ,

L0000141 , L0000142 , L0000143 , L0000144 , L0000145 , L0000146 ,
L0000147 , L0000148 ,

L0000149 , L0000150 , L0000151 , L0000152 , L0000153 , L0000154 ,
L0000155 , L0000156 ,

L0000157 , L0000158 , L0000159 , L0000160 , L0000161 , L0000162 ,

L0000163 , L0000164 ,

L0000165 , L0000166 , L0000167 , L0000168 , L0000169 , L0000170 ,
L0000171 , L0000172 ,

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L0000179 , L0000180 ,

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L0000187 , L0000188 ,

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L0000197 , L0000198 , L0000199 , L0000200 , L0000201 , L0000202 ,
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L0000211 , L0000212 ,

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L0000219 , L0000220 ,

L0000221 , L0000222 , L0000223 , L0000224 , L0000225 , L0000226 ,
L0000227 , L0000228 ,

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L0000261 , L0000262 , L0000263 , L0000264 , L0000265 , L0000266 ,
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L0000269 , L0000270 , L0000271 , L0000272 , L0000273 , L0000274 ,
L0000275 , L0000276 ,

L0000277 , L0000278 , L0000279 , L0000280 , L0000281 , L0000282 ,
L0000283 , L0000284 ,

L0000285 , L0000286 , L0000287 , L0000288 , L0000289 , L0000290 ,
L0000291 , L0000292 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

L0000293 , L0000294 , L0000295 , L0000296 , L0000297 , L0000298 ,
L0000299 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
	2035210.	VOL8 , VOL9 , VOL10 , VOL11 , VOL12 , VOL13 , VOL14 , VOL15 ,
		VOL16 , VOL17 , VOL18 , VOL19 , VOL20 , VOL21 , VOL22 , VOL23 ,
		VOL24 , VOL25 , VOL26 , VOL27 , VOL28 , VOL29 , VOL30 , VOL31 ,
		VOL32 , VOL33 , VOL34 , VOL35 , L0000001 , L0000002 , L0000003 , L0000004 ,
		L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 ,
		L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 ,
		L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 ,
		L0000029 , L0000030 , L0000031 , L0000032 , L0000033 , L0000034 , L0000035 , L0000036 ,
		L0000037 , L0000038 , L0000039 , L0000040 , L0000041 , L0000042 , L0000043 , L0000044 ,
		L0000045 , L0000046 , L0000047 , L0000048 , L0000049 , L0000050 , L0000051 , L0000052 ,
		L0000053 , L0000054 , L0000055 , L0000056 , L0000057 , L0000058 , L0000059 , L0000060 ,
		L0000061 , L0000062 , L0000063 , L0000064 , L0000065 , L0000066 , L0000067 , L0000068 ,
		L0000069 , L0000070 , L0000071 , L0000072 , L0000073 , L0000074 , L0000075 , L0000076 ,
		L0000077 , L0000078 , L0000079 , L0000080 , L0000081 , L0000082 , L0000083 , L0000084 ,
		L0000085 , L0000086 , L0000087 , L0000088 , L0000089 , L0000090 , L0000091 , L0000092 ,
		L0000093 , L0000094 , L0000095 , L0000096 , L0000097 , L0000098 , L0000099 , L0000100 ,
		L0000101 , L0000102 , L0000103 , L0000104 , L0000105 , L0000106 , L0000107 , L0000108 ,

L0000109 , L0000110 , L0000111 , L0000112 , L0000113 , L0000114 ,
L0000115 , L0000116 ,

L0000117 , L0000118 , L0000119 , L0000120 , L0000121 , L0000122 ,
L0000123 , L0000124 ,

L0000125 , L0000126 , L0000127 , L0000128 , L0000129 , L0000130 ,
L0000131 , L0000132 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

L0000133 , L0000134 , L0000135 , L0000136 , L0000137 , L0000138 ,
L0000139 , L0000140 ,

L0000141 , L0000142 , L0000143 , L0000144 , L0000145 , L0000146 ,
L0000147 , L0000148 ,

L0000149 , L0000150 , L0000151 , L0000152 , L0000153 , L0000154 ,
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L0000187 , L0000188 ,

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L0000235 , L0000236 ,

L0000237 , L0000238 , L0000239 , L0000240 , L0000241 , L0000242 ,
L0000243 , L0000244 ,

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            L0000245    , L0000246    , L0000247    , L0000248    , L0000249    , L0000250    ,
            L0000251    , L0000252    ,

            L0000253    , L0000254    , L0000255    , L0000256    , L0000257    , L0000258    ,
            L0000259    , L0000260    ,

            L0000261    , L0000262    , L0000263    , L0000264    , L0000265    , L0000266    ,
            L0000267    , L0000268    ,

            L0000269    , L0000270    , L0000271    , L0000272    , L0000273    , L0000274    ,
            L0000275    , L0000276    ,

            L0000277    , L0000278    , L0000279    , L0000280    , L0000281    , L0000282    ,
            L0000283    , L0000284    ,

            L0000285    , L0000286    , L0000287    , L0000288    , L0000289    , L0000290    ,
            L0000291    , L0000292    ,
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        10:17:29

                      PAGE  16
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                        *** SOURCE IDs DEFINED AS URBAN SOURCES ***

  URBAN ID   URBAN POP                                  SOURCE IDs
  --------   ---------                                  ----------


            L0000293    , L0000294    , L0000295    , L0000296    , L0000297    , L0000298    ,
            L0000299    ,
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        10:17:29

                      PAGE  17
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                  (HRDOW) *

 SOURCE ID = VOL8         ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL9 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL10 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL11 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
\- - - -

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL13 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL14 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL15 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL16 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL17 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22													

```
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   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 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        10:17:29

                     PAGE  27
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL18        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        10:17:29

                     PAGE  28
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL19        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
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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

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL20 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

```
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL23 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL24 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL25 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL27 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

DAY OF WEEK = SATURDAY

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL28 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

```
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   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 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        10:17:29

                     PAGE  38
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL29        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        10:17:29

                     PAGE  39
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *
```

SOURCE ID = VOL30 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL31 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                  (HRDOW) *

SOURCE ID = VOL32   ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -

```
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  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 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:17:29

                     PAGE  43
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL34        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:17:29

                     PAGE  44
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL35        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
```

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000001 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR						

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000002 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR						

- - - - - - - - - - - - - - - - - -

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000003 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - - - - - - - - - - - - - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000004 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000005 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000006 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000007 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

FF *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and Sterling\14057 Op *** 11/07/23

*** AERMET - VERSION 16216 ***

*** *** 10:17:29

PAGE 52

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000008 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

```
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  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 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:17:29

                     PAGE  54
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = L0000010     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:17:29

                     PAGE  55
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = L0000011     ; SOURCE TYPE = VOLUME   :
```

```
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:17:29

                     PAGE  56
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = L0000012     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:17:29
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000013 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	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 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and Sterling\14057 Op *** 11/07/23
*** AERMET - VERSION 16216 ***
*** *** 10:17:29

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000014 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = L0000015 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and Sterling\14057 Op *** 11/07/23
*** AERMET - VERSION 16216 ***
*** *** 10:17:29

PAGE 61
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000017 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000019 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

(HRDOW) *

SOURCE ID = L0000020 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

(HRDOW) *

SOURCE ID = L0000021 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000022 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000023 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000024 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

```
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   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 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:17:29

                      PAGE  70
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = L0000026     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   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 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:17:29

                      PAGE  71
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = L0000027     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
```

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000029 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000030 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00										

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000031 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000032 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000033 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and Sterling\14057 Op *** 11/07/23
*** AERMET - VERSION 16216 ***
*** *** 10:17:29

PAGE 79
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000035 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and Sterling\14057 Op *** 11/07/23
*** AERMET - VERSION 16216 ***
*** *** 10:17:29

PAGE 80
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

```
 SOURCE ID = L0000036     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        10:17:29

                      PAGE  81
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = L0000037     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000038 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000039 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6			

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000040 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000041 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000042 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000044 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000045 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000047 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000048 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22					

```
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        10:17:29

                     PAGE  93
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = L0000049     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        10:17:29

                     PAGE  94
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = L0000050     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
```

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000051 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

```
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000054 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	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 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and Sterling\14057 Op *** 11/07/23
*** AERMET - VERSION 16216 ***
*** *** 10:17:29

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000055 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	

.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000056 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000057 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000058 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

DAY OF WEEK = SATURDAY

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000059 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

```
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   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 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        10:17:29

                     PAGE 104
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = L0000060     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        10:17:29

                     PAGE 105
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *
```

SOURCE ID = L0000061 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                  (HRDOW) *

SOURCE ID = L0000063   ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

FF *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and Sterling\14057 Op *** 11/07/23
*** AERMET - VERSION 16216 ***
*** *** 10:17:29

PAGE 109
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000065 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000067 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000068 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

- - - - - - - - - - - - - - - - - -

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000069 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - - - - - - - - - - - - - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000070 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000071 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000072 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000073 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

FF *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and Sterling\14057 Op *** 11/07/23

*** AERMET - VERSION 16216 ***

*** *** 10:17:29

PAGE 118

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000074 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000076 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000077 ; SOURCE TYPE = VOLUME :

```
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:17:29

                    PAGE 122
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = L0000078     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000079 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	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 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and Sterling\14057 Op *** 11/07/23
*** AERMET - VERSION 16216 ***
*** *** 10:17:29

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000080 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000081 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000082 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6			

.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

FF *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and Sterling\14057 Op *** 11/07/23
*** AERMET - VERSION 16216 ***
*** *** 10:17:29

PAGE 127
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000083 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

FF *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and Sterling\14057 Op *** 11/07/23
*** AERMET - VERSION 16216 ***
*** *** 10:17:29

PAGE 128
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000084 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000085 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK

(HRDOW) *

SOURCE ID = L0000086 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000088 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000089 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000090 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000091 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000092 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00								
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000093 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000095 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000096 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00										

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000097 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000098 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000099 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000100 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

FF *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and Sterling\14057 Op *** 11/07/23
*** AERMET - VERSION 16216 ***
*** *** 10:17:29

PAGE 145

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000101 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

```
 SOURCE ID = L0000102     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        10:17:29

                      PAGE 147
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = L0000103     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000104 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = WEEKDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

FF *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and Sterling\14057 Op *** 11/07/23
*** AERMET - VERSION 16216 ***

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000105 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = WEEKDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6			

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000106 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000107 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000108 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000110 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000111 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000112 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000113 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000114 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22													

```
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***        10:17:29

                     PAGE 159
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = L0000115     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   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 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***        10:17:29

                     PAGE 160
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = L0000116     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
```

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000117 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

```
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000120 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000121 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000122 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000123 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000124 ; SOURCE TYPE = VOLUME :

DAY OF WEEK = WEEKDAY

DAY OF WEEK = SATURDAY

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000125 ; SOURCE TYPE = VOLUME :

DAY OF WEEK = WEEKDAY

```
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:17:29

                     PAGE 170
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = L0000126     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:17:29

                     PAGE 171
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *
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SOURCE ID = L0000127 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                  (HRDOW) *

SOURCE ID = L0000129   ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and Sterling\14057 Op *** 11/07/23
*** AERMET - VERSION 16216 ***
*** *** 10:17:29

PAGE 175
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000131 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000133 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000134 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

- - - - - - - - - - - - - - - - - -

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000135 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - - - - - - - - - - - - - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000136 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000137 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000138 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000139 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000140 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000141 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14

.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000142 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000143 ; SOURCE TYPE = VOLUME :

```
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  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 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:17:29

                     PAGE 188
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = L0000144     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  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 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:17:29
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000145 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	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 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and Sterling\14057 Op *** 11/07/23
*** AERMET - VERSION 16216 ***
*** *** 10:17:29

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000146 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000147 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000148 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6			

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000149 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000151 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK

(HRDOW) *

SOURCE ID = L0000152 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000154 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000155 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000156 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

```
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   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 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:17:29

                      PAGE 202
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = L0000158     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   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 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:17:29

                      PAGE 203
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = L0000159     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
```

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000161 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000162 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00										

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000163 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000164 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000165 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000167 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

```
 SOURCE ID = L0000168     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   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 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        10:17:29

                      PAGE 213
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = L0000169     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000170 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	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 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and Sterling\14057 Op *** 11/07/23
*** AERMET - VERSION 16216 ***

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000171 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6			

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000172 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000173 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000174 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000175 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000176 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000177 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000178 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000179 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000180 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22													

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000181 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000182 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000183 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

```
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000186 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000187 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000188 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000189 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000190 ; SOURCE TYPE = VOLUME :

DAY OF WEEK = WEEKDAY

DAY OF WEEK = SATURDAY

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000191 ; SOURCE TYPE = VOLUME :

DAY OF WEEK = WEEKDAY

```
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        10:17:29

                     PAGE 236
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = L0000192     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        10:17:29

                     PAGE 237
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *
```

SOURCE ID = L0000193 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                  (HRDOW) *

SOURCE ID = L0000195   ; 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  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  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 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        10:17:29

                     PAGE 241
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = L0000197     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  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 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        10:17:29

                     PAGE 242
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = L0000198     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
```

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000199 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR						

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01
13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00
13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00
19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000200 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR						

- - - - - - - - - - - - - - - - - -

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000201 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - - - - - - - - - - - - - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000202 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000203 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000204 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000205 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000206 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000207 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14

.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000208 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000209 ; SOURCE TYPE = VOLUME :

```
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:17:29

                     PAGE 254
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = L0000210     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:17:29
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000211 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	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 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and Sterling\14057 Op *** 11/07/23
*** AERMET - VERSION 16216 ***
*** *** 10:17:29

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000212 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000213 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000214 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6			

.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

FF *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and Sterling\14057 Op *** 11/07/23
*** AERMET - VERSION 16216 ***
*** *** 10:17:29

PAGE 259

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000215 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000217 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK

(HRDOW) *

SOURCE ID = L0000218 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000220 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000221 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000222 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

```
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   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 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        10:17:29

                      PAGE 268
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = L0000224     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   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 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        10:17:29

                      PAGE 269
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = L0000225     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
```

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000227 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000228 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00										

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000229 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000230 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14

.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000231 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000232 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000233 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

```
 SOURCE ID = L0000234     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   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 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        10:17:29

                      PAGE 279
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = L0000235     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   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 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000236 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000237 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6					

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000238 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000239 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000240 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000242 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000243 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000245 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000246 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22													

```
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        10:17:29

                     PAGE 291
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = L0000247     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   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 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        10:17:29

                     PAGE 292
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = L0000248     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
```

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000249 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000250 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR

```
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - -
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000252 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000253 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000254 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000255 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

FF *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and Sterling\14057 Op *** 11/07/23
*** AERMET - VERSION 16216 ***
*** *** 10:17:29

PAGE 300
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000256 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

```
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   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 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        10:17:29

                     PAGE 302
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = L0000258     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
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Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        10:17:29

                     PAGE 303
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *
```

SOURCE ID = L0000259 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                  (HRDOW) *

SOURCE ID = L0000261   ; 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 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .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 ***
*** *** 10:17:29

PAGE 307
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000263 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.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 ***
*** *** 10:17:29

PAGE 309

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000265 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00
7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00
23	.0000E+00	24	.0000E+00								

FF *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and Sterling\14057 Op *** 11/07/23
*** AERMET - VERSION 16216 ***
*** *** 10:17:29

PAGE 310

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000266 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

- - - - - - - - - - - - - - - - - -

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000267 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - - - - - - - - - - - - - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000268 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000269 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000270 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000271 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00

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 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and Sterling\14057 Op *** 11/07/23

*** AERMET - VERSION 16216 ***

*** *** 10:17:29

PAGE 316

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000272 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000274 ; 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   HOUR   SCALAR   HOUR
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  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 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:17:29

                    PAGE 320
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = L0000276     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  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 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:17:29
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000277 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

FF *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and Sterling\14057 Op *** 11/07/23
*** AERMET - VERSION 16216 ***
*** *** 10:17:29

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000278 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000279 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000280 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6			

DAY OF WEEK = SUNDAY

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000281 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000283 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK

(HRDOW) *

SOURCE ID = L0000284 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000286 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000287 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000288 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

```
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   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 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:17:29

                     PAGE 334
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = L0000290     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   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 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:17:29

                     PAGE 335
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = L0000291     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
```

- - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000293 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000294 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00										

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000295 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000296 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14

```
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  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 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:17:29

                     PAGE 341
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = L0000297     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  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 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:17:29

                     PAGE 342
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = L0000298     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
```

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and Sterling\14057 Op *** 11/07/23
*** AERMET - VERSION 16216 ***
*** *** 10:17:29

PAGE 343
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000299 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

FF *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and Sterling\14057 Op *** 11/07/23
*** AERMET - VERSION 16216 ***
*** *** 10:17:29

PAGE 344
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(477503.0, 3774328.7, 336.0, 336.0, 0.0); (477503.6, 3774366.3,
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336.0, 336.0, 0.0);
(477452.5, 3774421.9, 336.0, 336.0, 0.0); (477428.0, 3774421.9,
336.0, 336.0, 0.0);
(477410.8, 3774421.9, 336.0, 336.0, 0.0); (476711.5, 3774443.3,
331.0, 331.0, 0.0);
(476638.7, 3774423.4, 330.0, 330.0, 0.0); (476532.6, 3774423.8,
329.1, 329.1, 0.0);
(476393.7, 3774421.5, 328.0, 328.0, 0.0); (477121.8, 3774215.8,
332.3, 332.3, 0.0);
(477098.1, 3774154.4, 332.0, 332.0, 0.0); (477117.6, 3774134.6,
332.0, 332.0, 0.0);
(477164.5, 3774218.5, 333.4, 333.4, 0.0); (477166.1, 3774306.9,
333.8, 333.8, 0.0);
(476586.0, 3774180.6, 329.4, 329.4, 0.0); (476555.9, 3774222.3,
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328.0, 328.0, 0.0);
(476189.5, 3774218.6, 326.9, 326.9, 0.0); (476083.3, 3774180.4,
326.0, 326.0, 0.0);
(478077.0, 3774359.4, 340.0, 340.0, 0.0); (478134.1, 3774332.4,
341.0, 341.0, 0.0);
(478133.5, 3774380.4, 341.0, 341.0, 0.0); (478150.1, 3774391.9,
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(477984.3, 3774451.7, 340.0, 340.0, 0.0); (478108.7, 3774449.6,
340.8, 340.8, 0.0);
(478150.0, 3774480.3, 341.0, 341.0, 0.0); (478206.9, 3774442.6,
341.2, 341.2, 0.0);
(478242.5, 3774430.6, 342.0, 342.0, 0.0); (478346.3, 3774432.7,
342.6, 342.6, 0.0);
(478348.2, 3774385.6, 342.6, 342.6, 0.0); (478350.8, 3774489.9,
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(478310.0, 3774485.2, 342.0, 342.0, 0.0); (477488.5, 3774529.5,
336.0, 336.0, 0.0);
(477583.3, 3774571.7, 337.0, 337.0, 0.0); (477607.6, 3774622.3,
337.0, 337.0, 0.0);
(477734.1, 3774622.9, 338.0, 338.0, 0.0); (477919.9, 3774622.3,
339.3, 339.3, 0.0);
(477724.7, 3773945.7, 337.0, 337.0, 0.0); (478134.3, 3774173.7,
340.6, 340.6, 0.0);
(478243.0, 3773918.1, 341.1, 341.1, 0.0); (478266.4, 3774154.7,
342.0, 342.0, 0.0);
(478256.6, 3774234.5, 342.0, 342.0, 0.0); (478344.7, 3774236.1,
342.0, 342.0, 0.0);
(478438.7, 3774231.4, 343.0, 343.0, 0.0); (478366.2, 3774189.5,
342.0, 342.0, 0.0);
(479160.7, 3774261.8, 349.0, 349.0, 0.0); (479239.6, 3774223.9,
349.3, 349.3, 0.0);
(479387.2, 3774230.3, 350.2, 350.2, 0.0); (479746.6, 3774221.2,
353.2, 353.2, 0.0);
(480161.8, 3774208.6, 357.0, 357.0, 0.0); (480252.7, 3774201.1,
358.0, 358.0, 0.0);
(480281.2, 3774152.8, 358.0, 358.0, 0.0); (480763.6, 3774447.3,
363.1, 363.1, 0.0);
(480762.3, 3774719.1, 364.0, 364.0, 0.0); (480720.1, 3774751.3,
364.0, 364.0, 0.0);
(480667.6, 3774695.8, 363.0, 363.0, 0.0); (479743.0, 3774618.0,
355.0, 355.0, 0.0);
(479927.3, 3774618.0, 356.0, 356.0, 0.0); (479754.0, 3774708.8,
355.0, 355.0, 0.0);
(478276.8, 3774298.5, 342.0, 342.0,
0.0);

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

```
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1
1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1
```

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file:
RDLD_V9_ADJU\RDLD_v9.SFC Met
Version: 16216
Profile file:
RDLD_V9_ADJU\RDLD_v9.PFL
Surface format:
FREE

Profile format:
FREE

Surface station no.: 3171 Upper air station no.: 3190
Name: UNKNOWN Name:
UNKNOWN
Year: 2012 Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT

```
- - - - - - - - - - - - -
 12 01 01   1 01  -10.6  0.149 -9.000 -9.000 -999.  138.     26.7  0.32   3.22   1.00    1.30
 110.    9.1  285.4    5.5
 12 01 01   1 02   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
 130.    9.1  284.5    5.5
 12 01 01   1 03   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
 100.    9.1  285.0    5.5
 12 01 01   1 04   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
 107.    9.1  284.6    5.5
 12 01 01   1 05  -10.7  0.149 -9.000 -9.000 -999.  138.     26.7  0.32   3.22   1.00    1.30
 98.    9.1  284.9    5.5
 12 01 01   1 06   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
 86.    9.1  284.5    5.5
 12 01 01   1 07   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
 91.    9.1  284.0    5.5
 12 01 01   1 08   -4.0  0.102 -9.000 -9.000 -999.   78.     22.9  0.32   3.22   0.54    0.90
 107.    9.1  285.0    5.5
 12 01 01   1 09   44.6  0.237  0.382  0.006   43.  276.    -25.6  0.15   3.22   0.33    2.10
 81.   10.1  289.1    5.5
 12 01 01   1 10  134.3  0.111  0.882  0.008  176.   99.     -1.0  0.32   3.22   0.26    0.40
 72.    9.1  295.1    5.5
 12 01 01   1 11  199.8  0.409  1.429  0.005  503.  627.    -29.4  0.15   3.22   0.23    3.68
 78.   10.1  297.9    5.5
 12 01 01   1 12  232.3  0.300  1.889  0.005  999.  402.    -10.0  0.32   3.22   0.22    1.80
 333.    9.1  299.4    5.5
 12 01 01   1 13  230.0  0.300  2.134  0.005 1453.  394.    -10.1  0.32   3.22   0.22    1.80
 72.    9.1  300.4    5.5
 12 01 01   1 14  194.0  0.294  2.109  0.005 1663.  382.    -11.2  0.32   3.22   0.24    1.80
 277.    9.1  301.0    5.5
 12 01 01   1 15  126.3  0.378  1.872  0.005 1784.  557.    -36.5  0.32   3.22   0.27    2.70
 243.    9.1  301.0    5.5
 12 01 01   1 16   39.5  0.199  1.278  0.005 1817.  240.    -17.2  0.32   3.22   0.36    1.30
 274.    9.1  300.1    5.5
 12 01 01   1 17   -4.7  0.101 -9.000 -9.000 -999.   85.     19.0  0.32   3.22   0.65    0.90
 252.    9.1  298.2    5.5
 12 01 01   1 18   -4.9  0.102 -9.000 -9.000 -999.   78.     18.2  0.32   3.22   1.00    0.90
 116.    9.1  296.4    5.5
 12 01 01   1 19  -18.8  0.204 -9.000 -9.000 -999.  220.     45.6  0.15   3.22   1.00    2.27
 79.   10.1  292.2    5.5
 12 01 01   1 20   -5.0  0.102 -9.000 -9.000 -999.   83.     18.1  0.32   3.22   1.00    0.90
 95.    9.1  290.2    5.5
 12 01 01   1 21   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
 99.    9.1  287.8    5.5
 12 01 01   1 22   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
 110.    9.1  287.6    5.5
 12 01 01   1 23  -10.6  0.149 -9.000 -9.000 -999.  138.     26.8  0.32   3.22   1.00    1.30
 89.    9.1  287.2    5.5
 12 01 01   1 24   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
 105.    9.1  285.9    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01    5.5 0 -999.  -99.00   285.5   99.0  -99.00  -99.00
 12 01 01 01    9.1 1  110.    1.30  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:17:29

                      PAGE 347
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                           *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR
```

SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL8 , VOL9 ,
VOL10 , VOL11 , VOL12 ,
VOL13 , VOL14 , VOL15 , VOL16 , VOL17 ,
VOL18 , VOL19 , VOL20 ,
VOL21 , VOL22 , VOL23 , VOL24 , VOL25 ,
VOL26 , VOL27 , VOL28 ,
VOL29 , VOL30 , VOL31 , VOL32 , VOL33 ,
VOL34 , VOL35 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
477503.05	3774328.69	0.00237	477503.65	3774366.33	0.00205
477505.84	3774423.09	0.00121	477480.94	3774424.68	0.00092
477452.46	3774421.89	0.00071	477427.97	3774421.89	0.00057
477410.84	3774421.89	0.00050	476711.54	3774443.29	0.00005
476638.67	3774423.45	0.00005	476532.60	3774423.83	0.00004
476393.73	3774421.54	0.00004	477121.83	3774215.83	0.00013
477098.13	3774154.38	0.00012	477117.60	3774134.57	0.00012
477164.55	3774218.49	0.00015	477166.14	3774306.89	0.00015
476585.96	3774180.60	0.00005	476555.89	3774222.33	0.00004
476468.87	3774176.96	0.00004	476389.46	3774215.90	0.00004
476189.52	3774218.61	0.00003	476083.35	3774180.39	0.00003
478077.01	3774359.40	0.00762	478134.08	3774332.39	0.00341
478133.53	3774380.36	0.00246	478150.07	3774391.93	0.00191
477984.30	3774451.72	0.00230	478108.73	3774449.61	0.00148
478149.98	3774480.31	0.00089	478206.92	3774442.58	0.00090
478242.54	3774430.63	0.00081	478346.35	3774432.74	0.00053
478348.23	3774385.64	0.00065	478350.81	3774489.92	0.00041
478310.03	3774485.23	0.00047	477488.54	3774529.51	0.00047
477583.26	3774571.67	0.00051	477607.58	3774622.27	0.00040
477734.08	3774622.92	0.00048	477919.94	3774622.27	0.00050
477724.68	3773945.66	0.00042	478134.34	3774173.69	0.00325
478243.00	3773918.09	0.00037	478266.38	3774154.67	0.00144
478256.62	3774234.55	0.00224	478344.67	3774236.14	0.00167
478438.69	3774231.36	0.00155	478366.21		

```
        3774189.53        0.00239
        479160.72    3774261.80        0.00054                      479239.60
        3774223.95        0.00154
        479387.22    3774230.33        0.00115                      479746.64
        3774221.22        0.00149
        480161.85    3774208.57        0.00117                      480252.68
        3774201.11        0.00116
        480281.23    3774152.78        0.00149                      480763.59
        3774447.32        0.00008
        480762.29    3774719.15        0.00005                      480720.12
        3774751.27        0.00004
        480667.57    3774695.80        0.00005                      479742.96
        3774617.99        0.00007
        479927.31    3774617.99        0.00007                      479754.05
        3774708.85        0.00006
        478276.79    3774298.50
        0.00127

FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***       10:17:29

                     PAGE 348
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                    *** THE SUMMARY OF MAXIMUM PERIOD ( 43848 HRS) RESULTS
                                    ***


                                  ** CONC OF DPM      IN
                                  MICROGRAMS/M**3                          **


           NETWORK
GROUP ID                        AVERAGE CONC                RECEPTOR  (XR, YR, ZELEV, ZHILL,
ZFLAG)  OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - -

ALL       1ST HIGHEST VALUE IS       0.00762 AT (  478077.01,  3774359.40,   340.00,
340.00,    0.00)  DC
          2ND HIGHEST VALUE IS       0.00341 AT (  478134.08,  3774332.39,   341.00,
          341.00,    0.00)  DC
          3RD HIGHEST VALUE IS       0.00325 AT (  478134.34,  3774173.69,   340.61,
          340.61,    0.00)  DC
          4TH HIGHEST VALUE IS       0.00246 AT (  478133.53,  3774380.36,   341.00,
          341.00,    0.00)  DC
          5TH HIGHEST VALUE IS       0.00239 AT (  478366.21,  3774189.53,   342.00,
          342.00,    0.00)  DC
          6TH HIGHEST VALUE IS       0.00237 AT (  477503.05,  3774328.69,   336.00,
          336.00,    0.00)  DC
          7TH HIGHEST VALUE IS       0.00230 AT (  477984.30,  3774451.72,   340.00,
          340.00,    0.00)  DC
          8TH HIGHEST VALUE IS       0.00224 AT (  478256.62,  3774234.55,   342.00,
          342.00,    0.00)  DC
          9TH HIGHEST VALUE IS       0.00205 AT (  477503.65,  3774366.33,   336.00,
          336.00,    0.00)  DC
         10TH HIGHEST VALUE IS       0.00191 AT (  478150.07,  3774391.93,   341.00,
         341.00,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** Message Summary : AERMOD Model Execution ***

--------- Summary of Total Messages --------

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 388 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 191 Calm Hours Identified

A Total of 197 Missing Hours Identified (0.45 Percent)

******** FATAL ERROR MESSAGES ********
*** NONE ***

******** WARNING MESSAGES ********
ME W186 4760 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 4760 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

****
*** AERMOD Finishes Successfully ***
****

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 11.2.0
** Lakes Environmental Software Inc.
** Date: 11/7/2023
** File: C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and Sterling\14057 Ops\14057 Ops.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and Sterling\14057 Op
   MODELOPT DFAULT CONC
   AVERTIME PERIOD
   URBANOPT 2035210 San_Bernardino_County
   POLLUTID DPM
   RUNORNOT RUN
   ERRORFIL "14057 Ops.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE1
** DESCRSRC Idle
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 0.00001316
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 477634.065, 3774260.613, 337.00, 3.49, 4.00
** 478007.663, 3774268.603, 339.92, 3.49, 4.00
** ----------------------------------------------------------------------
   LOCATION L0000981     VOLUME   477638.359 3774260.705 337.00
   LOCATION L0000982     VOLUME   477646.947 3774260.889 337.00
   LOCATION L0000983     VOLUME   477655.535 3774261.072 337.00
   LOCATION L0000984     VOLUME   477664.123 3774261.256 337.00
   LOCATION L0000985     VOLUME   477672.711 3774261.440 337.00
   LOCATION L0000986     VOLUME   477681.299 3774261.623 337.00
   LOCATION L0000987     VOLUME   477689.887 3774261.807 337.00
   LOCATION L0000988     VOLUME   477698.475 3774261.991 337.00
   LOCATION L0000989     VOLUME   477707.063 3774262.174 337.00
   LOCATION L0000990     VOLUME   477715.651 3774262.358 337.00
   LOCATION L0000991     VOLUME   477724.240 3774262.542 337.00
   LOCATION L0000992     VOLUME   477732.828 3774262.725 337.10
   LOCATION L0000993     VOLUME   477741.416 3774262.909 337.39
   LOCATION L0000994     VOLUME   477750.004 3774263.093 337.67
   LOCATION L0000995     VOLUME   477758.592 3774263.276 337.96
   LOCATION L0000996     VOLUME   477767.180 3774263.460 338.00
```

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   LOCATION L0000997     VOLUME   477775.768 3774263.644 338.00
   LOCATION L0000998     VOLUME   477784.356 3774263.827 338.00
   LOCATION L0000999     VOLUME   477792.944 3774264.011 338.00
   LOCATION L0001000     VOLUME   477801.532 3774264.195 338.00
   LOCATION L0001001     VOLUME   477810.120 3774264.378 338.00
   LOCATION L0001002     VOLUME   477818.708 3774264.562 338.00
   LOCATION L0001003     VOLUME   477827.296 3774264.746 338.00
   LOCATION L0001004     VOLUME   477835.884 3774264.929 338.00
   LOCATION L0001005     VOLUME   477844.472 3774265.113 338.00
   LOCATION L0001006     VOLUME   477853.060 3774265.297 338.11
   LOCATION L0001007     VOLUME   477861.648 3774265.480 338.39
   LOCATION L0001008     VOLUME   477870.236 3774265.664 338.68
   LOCATION L0001009     VOLUME   477878.824 3774265.848 338.97
   LOCATION L0001010     VOLUME   477887.412 3774266.031 339.00
   LOCATION L0001011     VOLUME   477896.000 3774266.215 339.00
   LOCATION L0001012     VOLUME   477904.588 3774266.399 339.00
   LOCATION L0001013     VOLUME   477913.176 3774266.582 339.00
   LOCATION L0001014     VOLUME   477921.764 3774266.766 339.00
   LOCATION L0001015     VOLUME   477930.352 3774266.950 339.00
   LOCATION L0001016     VOLUME   477938.940 3774267.133 339.00
   LOCATION L0001017     VOLUME   477947.528 3774267.317 339.00
   LOCATION L0001018     VOLUME   477956.117 3774267.501 339.00
   LOCATION L0001019     VOLUME   477964.705 3774267.684 339.00
   LOCATION L0001020     VOLUME   477973.293 3774267.868 339.11
   LOCATION L0001021     VOLUME   477981.881 3774268.052 339.40
   LOCATION L0001022     VOLUME   477990.469 3774268.235 339.69
   LOCATION L0001023     VOLUME   477999.057 3774268.419 339.97
   LOCATION L0001024     VOLUME   478007.645 3774268.603 340.00
** End of LINE VOLUME Source ID = SLINE1
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE2
** DESCRSRC TTP Idle
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 0.00001316
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 477634.892, 3774221.766, 337.00, 3.49, 4.00
** 478008.489, 3774231.409, 339.95, 3.49, 4.00
** ----------------------------------------------------------------------
   LOCATION L0001025     VOLUME   477639.185 3774221.877 337.00
   LOCATION L0001026     VOLUME   477647.772 3774222.098 337.00
   LOCATION L0001027     VOLUME   477656.360 3774222.320 337.00
   LOCATION L0001028     VOLUME   477664.947 3774222.541 337.00
   LOCATION L0001029     VOLUME   477673.534 3774222.763 337.00
   LOCATION L0001030     VOLUME   477682.121 3774222.985 337.00
   LOCATION L0001031     VOLUME   477690.708 3774223.206 337.00
   LOCATION L0001032     VOLUME   477699.295 3774223.428 337.00
   LOCATION L0001033     VOLUME   477707.882 3774223.650 337.00
   LOCATION L0001034     VOLUME   477716.470 3774223.871 337.00
   LOCATION L0001035     VOLUME   477725.057 3774224.093 337.00
   LOCATION L0001036     VOLUME   477733.644 3774224.315 337.12
   LOCATION L0001037     VOLUME   477742.231 3774224.536 337.39
   LOCATION L0001038     VOLUME   477750.818 3774224.758 337.66
   LOCATION L0001039     VOLUME   477759.405 3774224.980 337.94
   LOCATION L0001040     VOLUME   477767.992 3774225.201 337.97
   LOCATION L0001041     VOLUME   477776.580 3774225.423 337.99
   LOCATION L0001042     VOLUME   477785.167 3774225.644 338.00
   LOCATION L0001043     VOLUME   477793.754 3774225.866 338.00
   LOCATION L0001044     VOLUME   477802.341 3774226.088 338.00
   LOCATION L0001045     VOLUME   477810.928 3774226.309 338.00
   LOCATION L0001046     VOLUME   477819.515 3774226.531 338.00
   LOCATION L0001047     VOLUME   477828.102 3774226.753 338.00
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   LOCATION L0001048     VOLUME   477836.689 3774226.974 338.00
   LOCATION L0001049     VOLUME   477845.277 3774227.196 338.00
   LOCATION L0001050     VOLUME   477853.864 3774227.418 338.01
   LOCATION L0001051     VOLUME   477862.451 3774227.639 338.02
   LOCATION L0001052     VOLUME   477871.038 3774227.861 338.04
   LOCATION L0001053     VOLUME   477879.625 3774228.083 338.06
   LOCATION L0001054     VOLUME   477888.212 3774228.304 338.33
   LOCATION L0001055     VOLUME   477896.799 3774228.526 338.60
   LOCATION L0001056     VOLUME   477905.387 3774228.747 338.86
   LOCATION L0001057     VOLUME   477913.974 3774228.969 339.00
   LOCATION L0001058     VOLUME   477922.561 3774229.191 339.00
   LOCATION L0001059     VOLUME   477931.148 3774229.412 339.00
   LOCATION L0001060     VOLUME   477939.735 3774229.634 339.00
   LOCATION L0001061     VOLUME   477948.322 3774229.856 339.00
   LOCATION L0001062     VOLUME   477956.909 3774230.077 339.00
   LOCATION L0001063     VOLUME   477965.497 3774230.299 339.00
   LOCATION L0001064     VOLUME   477974.084 3774230.521 339.14
   LOCATION L0001065     VOLUME   477982.671 3774230.742 339.43
   LOCATION L0001066     VOLUME   477991.258 3774230.964 339.71
   LOCATION L0001067     VOLUME   477999.845 3774231.186 340.00
   LOCATION L0001068     VOLUME   478008.432 3774231.407 340.00
** End of LINE VOLUME Source ID = SLINE2
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE3
** DESCRSRC Onsite
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 8.594E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 9
** 477608.167, 3774209.368, 336.10, 3.49, 4.00
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** 477614.228, 3774239.123, 336.84, 3.49, 4.00
** 477634.616, 3774241.327, 337.00, 3.49, 4.00
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** 478101.338, 3774244.358, 340.25, 3.49, 4.00
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   LOCATION L0001073     VOLUME   477619.185 3774239.659 337.00
   LOCATION L0001074     VOLUME   477627.725 3774240.582 337.00
   LOCATION L0001075     VOLUME   477636.274 3774241.364 337.00
   LOCATION L0001076     VOLUME   477644.862 3774241.554 337.00
   LOCATION L0001077     VOLUME   477653.450 3774241.744 337.00
   LOCATION L0001078     VOLUME   477662.038 3774241.935 337.00
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   LOCATION L0001083     VOLUME   477704.977 3774242.886 337.00
   LOCATION L0001084     VOLUME   477713.565 3774243.076 337.00
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   LOCATION L0001087     VOLUME   477739.329 3774243.647 337.32
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   LOCATION L0001101     VOLUME   477859.559 3774246.310 338.22
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   LOCATION L0001104     VOLUME   477885.323 3774246.880 338.74
   LOCATION L0001105     VOLUME   477893.911 3774247.071 338.84
   LOCATION L0001106     VOLUME   477902.499 3774247.261 338.93
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   LOCATION L0001109     VOLUME   477928.263 3774247.831 339.00
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   LOCATION L0001111     VOLUME   477945.438 3774248.212 339.00
   LOCATION L0001112     VOLUME   477954.026 3774248.402 339.00
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   LOCATION L0001114     VOLUME   477971.202 3774248.783 339.05
   LOCATION L0001115     VOLUME   477979.790 3774248.973 339.33
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   LOCATION L0001117     VOLUME   477996.966 3774249.353 339.90
   LOCATION L0001118     VOLUME   478005.554 3774249.543 340.00
   LOCATION L0001119     VOLUME   478014.142 3774249.734 340.00
   LOCATION L0001120     VOLUME   478022.729 3774249.924 340.00
   LOCATION L0001121     VOLUME   478031.317 3774250.114 340.00
   LOCATION L0001122     VOLUME   478039.905 3774250.304 340.00
   LOCATION L0001123     VOLUME   478048.493 3774250.495 340.00
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   LOCATION L0001125     VOLUME   478065.671 3774250.622 340.00
   LOCATION L0001126     VOLUME   478074.260 3774250.545 340.00
   LOCATION L0001127     VOLUME   478082.850 3774250.469 340.00
   LOCATION L0001128     VOLUME   478091.152 3774249.126 340.04
   LOCATION L0001129     VOLUME   478098.932 3774245.484 340.30
   LOCATION L0001130     VOLUME   478102.637 3774238.568 340.43
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** End of LINE VOLUME Source ID = SLINE3
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE4
** DESCRSRC Onsite 5%
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 1.113E-07
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
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   LOCATION L0001134     VOLUME   478057.481 3774269.365 340.00
   LOCATION L0001135     VOLUME   478057.447 3774277.955 340.00
   LOCATION L0001136     VOLUME   478057.414 3774286.545 340.00
   LOCATION L0001137     VOLUME   478057.381 3774295.135 340.00
   LOCATION L0001138     VOLUME   478057.347 3774303.725 340.00
   LOCATION L0001139     VOLUME   478057.314 3774312.315 340.00
   LOCATION L0001140     VOLUME   478057.280 3774320.905 340.00
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   LOCATION L0001142     VOLUME   478057.213 3774338.085 340.00
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   LOCATION L0001145     VOLUME   478057.113 3774363.855 340.00
   LOCATION L0001146     VOLUME   478057.080 3774372.445 340.00
   LOCATION L0001147     VOLUME   478057.046 3774381.035 340.00
   LOCATION L0001148     VOLUME   478057.013 3774389.625 340.00
** End of LINE VOLUME Source ID = SLINE4
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE5
** DESCRSRC 5th 15% W
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 1.688E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 6
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** 476871.181, 3774191.755, 331.24, 3.49, 4.00
** 476511.587, 3774195.820, 328.87, 3.49, 4.00
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   LOCATION L0001155     VOLUME   477552.963 3774194.568 336.00
   LOCATION L0001156     VOLUME   477544.373 3774194.549 335.99
   LOCATION L0001157     VOLUME   477535.783 3774194.529 335.97
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   LOCATION L0001159     VOLUME   477518.603 3774194.491 335.94
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   LOCATION L0001161     VOLUME   477501.423 3774194.453 335.94
   LOCATION L0001162     VOLUME   477492.833 3774194.434 335.94
   LOCATION L0001163     VOLUME   477484.243 3774194.415 335.95
   LOCATION L0001164     VOLUME   477475.653 3774194.396 335.97
   LOCATION L0001165     VOLUME   477467.063 3774194.376 335.98
   LOCATION L0001166     VOLUME   477458.473 3774194.357 336.00
   LOCATION L0001167     VOLUME   477449.883 3774194.338 336.00
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   LOCATION L0001170     VOLUME   477424.113 3774194.281 335.81
   LOCATION L0001171     VOLUME   477415.523 3774194.262 335.52
   LOCATION L0001172     VOLUME   477406.933 3774194.243 335.24
   LOCATION L0001173     VOLUME   477398.343 3774194.224 335.00
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   LOCATION L0001178     VOLUME   477355.393 3774194.128 335.00
   LOCATION L0001179     VOLUME   477346.803 3774194.109 335.00
   LOCATION L0001180     VOLUME   477338.213 3774194.090 334.95
   LOCATION L0001181     VOLUME   477329.623 3774194.071 334.66
   LOCATION L0001182     VOLUME   477321.033 3774194.051 334.37
   LOCATION L0001183     VOLUME   477312.443 3774194.032 334.09
   LOCATION L0001184     VOLUME   477303.853 3774194.013 334.00
   LOCATION L0001185     VOLUME   477295.263 3774193.994 334.00
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   LOCATION L0001189     VOLUME   477260.903 3774193.918 334.00
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LOCATION L0001318 VOLUME 476152.830 3774197.675 326.02
LOCATION L0001319 VOLUME 476144.241 3774197.762 326.01
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   LOCATION L0001322     VOLUME   476118.472 3774198.022 326.00
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** End of LINE VOLUME Source ID = SLINE5
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE6
** DESCRSRC Lankershim 5%
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 2.288E-07
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 5
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   LOCATION L0001351     VOLUME   478118.944 3774406.086 340.97
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   LOCATION L0001359     VOLUME   478187.596 3774409.105 341.00
   LOCATION L0001360     VOLUME   478196.184 3774409.307 341.00
   LOCATION L0001361     VOLUME   478204.772 3774409.509 341.00
   LOCATION L0001362     VOLUME   478213.359 3774409.711 341.12
   LOCATION L0001363     VOLUME   478221.947 3774409.913 341.40
   LOCATION L0001364     VOLUME   478230.534 3774410.115 341.69
   LOCATION L0001365     VOLUME   478239.122 3774410.317 341.98
   LOCATION L0001366     VOLUME   478247.710 3774410.519 342.00
   LOCATION L0001367     VOLUME   478256.297 3774410.721 342.00
   LOCATION L0001368     VOLUME   478264.885 3774410.923 342.00
   LOCATION L0001369     VOLUME   478273.473 3774411.125 342.00
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   LOCATION L0001370     VOLUME   478282.060 3774411.328 342.00
   LOCATION L0001371     VOLUME   478290.648 3774411.530 342.00
   LOCATION L0001372     VOLUME   478299.235 3774411.732 342.00
   LOCATION L0001373     VOLUME   478307.823 3774411.934 342.00
   LOCATION L0001374     VOLUME   478316.411 3774412.136 342.00
   LOCATION L0001375     VOLUME   478324.998 3774412.338 342.00
   LOCATION L0001376     VOLUME   478333.218 3774412.901 342.11
   LOCATION L0001377     VOLUME   478333.257 3774421.490 342.11
   LOCATION L0001378     VOLUME   478333.296 3774430.080 342.11
   LOCATION L0001379     VOLUME   478333.334 3774438.670 342.12
   LOCATION L0001380     VOLUME   478333.373 3774447.260 342.12
   LOCATION L0001381     VOLUME   478333.411 3774455.850 342.12
   LOCATION L0001382     VOLUME   478333.450 3774464.440 342.12
   LOCATION L0001383     VOLUME   478333.489 3774473.030 342.12
   LOCATION L0001384     VOLUME   478333.527 3774481.620 342.12
   LOCATION L0001385     VOLUME   478333.566 3774490.210 342.12
   LOCATION L0001386     VOLUME   478333.604 3774498.800 342.13
   LOCATION L0001387     VOLUME   478333.643 3774507.390 342.13
   LOCATION L0001388     VOLUME   478333.682 3774515.980 342.13
   LOCATION L0001389     VOLUME   478333.720 3774524.569 342.13
   LOCATION L0001390     VOLUME   478333.759 3774533.159 342.13
   LOCATION L0001391     VOLUME   478333.797 3774541.749 342.13
   LOCATION L0001392     VOLUME   478333.836 3774550.339 342.13
   LOCATION L0001393     VOLUME   478333.875 3774558.929 342.21
   LOCATION L0001394     VOLUME   478333.913 3774567.519 342.46
   LOCATION L0001395     VOLUME   478333.952 3774576.109 342.71
   LOCATION L0001396     VOLUME   478333.990 3774584.699 342.95
   LOCATION L0001397     VOLUME   478334.029 3774593.289 343.00
   LOCATION L0001398     VOLUME   478334.068 3774601.879 343.00
   LOCATION L0001399     VOLUME   478334.106 3774610.469 343.00
   LOCATION L0001400     VOLUME   478334.068 3774619.058 343.00
   LOCATION L0001401     VOLUME   478334.011 3774627.648 343.00
   LOCATION L0001402     VOLUME   478333.954 3774636.238 343.00
   LOCATION L0001403     VOLUME   478333.896 3774644.828 343.00
   LOCATION L0001404     VOLUME   478333.839 3774653.418 343.00
   LOCATION L0001405     VOLUME   478333.782 3774662.007 343.00
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   LOCATION L0001407     VOLUME   478333.667 3774679.187 343.00
   LOCATION L0001408     VOLUME   478333.610 3774687.777 343.00
   LOCATION L0001409     VOLUME   478333.553 3774696.367 343.00
   LOCATION L0001410     VOLUME   478333.496 3774704.956 343.00
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   LOCATION L0001412     VOLUME   478333.381 3774722.136 343.00
   LOCATION L0001413     VOLUME   478333.324 3774730.726 343.00
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   LOCATION L0001415     VOLUME   478333.209 3774747.906 343.00
   LOCATION L0001416     VOLUME   478333.152 3774756.495 343.00
   LOCATION L0001417     VOLUME   478333.095 3774765.085 343.00
   LOCATION L0001418     VOLUME   478333.038 3774773.675 343.00
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   LOCATION L0001420     VOLUME   478332.923 3774790.855 343.00
   LOCATION L0001421     VOLUME   478332.866 3774799.444 343.00
   LOCATION L0001422     VOLUME   478332.808 3774808.034 343.00
** End of LINE VOLUME Source ID = SLINE6
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE7
** DESCRSRC 5th 15%
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 5.017E-07
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 4
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   LOCATION L0001424     VOLUME   477622.480 3774195.097 336.40
   LOCATION L0001425     VOLUME   477631.068 3774195.306 336.68
   LOCATION L0001426     VOLUME   477639.655 3774195.514 336.97
   LOCATION L0001427     VOLUME   477648.243 3774195.723 336.99
   LOCATION L0001428     VOLUME   477656.830 3774195.932 336.99
   LOCATION L0001429     VOLUME   477665.418 3774196.140 337.00
   LOCATION L0001430     VOLUME   477674.005 3774196.349 337.00
   LOCATION L0001431     VOLUME   477682.593 3774196.558 337.00
   LOCATION L0001432     VOLUME   477691.180 3774196.767 337.00
   LOCATION L0001433     VOLUME   477699.767 3774196.975 337.00
   LOCATION L0001434     VOLUME   477708.355 3774197.184 337.00
   LOCATION L0001435     VOLUME   477716.942 3774197.393 337.00
   LOCATION L0001436     VOLUME   477725.530 3774197.601 337.00
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   LOCATION L0001438     VOLUME   477742.705 3774198.019 337.02
   LOCATION L0001439     VOLUME   477751.292 3774198.228 337.05
   LOCATION L0001440     VOLUME   477759.880 3774198.436 337.07
   LOCATION L0001441     VOLUME   477768.467 3774198.645 337.34
   LOCATION L0001442     VOLUME   477777.055 3774198.854 337.61
   LOCATION L0001443     VOLUME   477785.642 3774199.063 337.87
   LOCATION L0001444     VOLUME   477794.230 3774199.271 338.00
   LOCATION L0001445     VOLUME   477802.817 3774199.480 338.00
   LOCATION L0001446     VOLUME   477811.404 3774199.689 338.00
   LOCATION L0001447     VOLUME   477819.992 3774199.877 338.00
   LOCATION L0001448     VOLUME   477828.580 3774200.064 338.00
   LOCATION L0001449     VOLUME   477837.168 3774200.251 338.00
   LOCATION L0001450     VOLUME   477845.756 3774200.438 338.00
   LOCATION L0001451     VOLUME   477854.344 3774200.625 338.00
   LOCATION L0001452     VOLUME   477862.932 3774200.811 338.00
   LOCATION L0001453     VOLUME   477871.520 3774200.998 338.00
   LOCATION L0001454     VOLUME   477880.108 3774201.185 338.01
   LOCATION L0001455     VOLUME   477888.696 3774201.372 338.30
   LOCATION L0001456     VOLUME   477897.284 3774201.559 338.58
   LOCATION L0001457     VOLUME   477905.872 3774201.746 338.87
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   LOCATION L0001466     VOLUME   477983.164 3774203.428 339.44
   LOCATION L0001467     VOLUME   477991.752 3774203.615 339.73
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   LOCATION L0001470     VOLUME   478017.516 3774204.175 340.00
   LOCATION L0001471     VOLUME   478026.104 3774204.362 340.00
   LOCATION L0001472     VOLUME   478034.692 3774204.549 340.00
   LOCATION L0001473     VOLUME   478043.276 3774204.838 340.00
   LOCATION L0001474     VOLUME   478051.859 3774205.189 340.00
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   LOCATION L0001476     VOLUME   478069.025 3774205.892 340.00
   LOCATION L0001477     VOLUME   478077.608 3774206.244 340.00
   LOCATION L0001478     VOLUME   478086.190 3774206.595 340.00
   LOCATION L0001479     VOLUME   478094.773 3774206.947 340.16
   LOCATION L0001480     VOLUME   478103.356 3774207.298 340.45
** End of LINE VOLUME Source ID = SLINE7
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE8
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** DESCRSRC 5th 80% W
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 5.593E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 5
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** 478352.087, 3774206.493, 342.00, 3.49, 4.00
** 478540.539, 3774205.147, 343.93, 3.49, 4.00
** 478771.169, 3774204.250, 345.00, 3.49, 4.00
** 479147.349, 3774204.275, 348.16, 3.49, 4.00
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   LOCATION L0001483     VOLUME   478129.472 3774206.493 341.00
   LOCATION L0001484     VOLUME   478138.062 3774206.493 341.00
   LOCATION L0001485     VOLUME   478146.652 3774206.493 341.00
   LOCATION L0001486     VOLUME   478155.242 3774206.493 341.00
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   LOCATION L0001489     VOLUME   478181.012 3774206.493 341.00
   LOCATION L0001490     VOLUME   478189.602 3774206.493 341.00
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   LOCATION L0001492     VOLUME   478206.782 3774206.493 341.00
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   LOCATION L0001504     VOLUME   478309.862 3774206.493 342.00
   LOCATION L0001505     VOLUME   478318.452 3774206.493 342.00
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   LOCATION L0001511     VOLUME   478369.991 3774206.365 342.11
   LOCATION L0001512     VOLUME   478378.581 3774206.304 342.21
   LOCATION L0001513     VOLUME   478387.171 3774206.242 342.30
   LOCATION L0001514     VOLUME   478395.761 3774206.181 342.46
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   LOCATION L0001516     VOLUME   478412.940 3774206.058 342.84
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   LOCATION L0001518     VOLUME   478430.120 3774205.936 343.00
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   LOCATION L0001521     VOLUME   478455.889 3774205.752 343.00
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   LOCATION L0001524     VOLUME   478481.658 3774205.568 343.02
   LOCATION L0001525     VOLUME   478490.248 3774205.506 343.11
   LOCATION L0001526     VOLUME   478498.838 3774205.445 343.19
   LOCATION L0001527     VOLUME   478507.428 3774205.384 343.28
   LOCATION L0001528     VOLUME   478516.017 3774205.322 343.44
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   LOCATION L0001531     VOLUME   478541.787 3774205.142 344.00
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LOCATION L0001565 VOLUME 478833.845 3774204.254 345.80
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LOCATION L0001567 VOLUME 478851.025 3774204.255 346.00
LOCATION L0001568 VOLUME 478859.615 3774204.256 346.00
LOCATION L0001569 VOLUME 478868.205 3774204.256 346.00
LOCATION L0001570 VOLUME 478876.795 3774204.257 346.06
LOCATION L0001571 VOLUME 478885.385 3774204.257 346.14
LOCATION L0001572 VOLUME 478893.975 3774204.258 346.21
LOCATION L0001573 VOLUME 478902.565 3774204.259 346.33
LOCATION L0001574 VOLUME 478911.155 3774204.259 346.54
LOCATION L0001575 VOLUME 478919.745 3774204.260 346.75
LOCATION L0001576 VOLUME 478928.335 3774204.260 346.96
LOCATION L0001577 VOLUME 478936.925 3774204.261 347.00
LOCATION L0001578 VOLUME 478945.515 3774204.262 347.00
LOCATION L0001579 VOLUME 478954.105 3774204.262 347.00
LOCATION L0001580 VOLUME 478962.695 3774204.263 347.00
LOCATION L0001581 VOLUME 478971.285 3774204.263 347.00
LOCATION L0001582 VOLUME 478979.875 3774204.264 347.00
LOCATION L0001583 VOLUME 478988.465 3774204.264 347.00
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LOCATION L0001594 VOLUME 479082.955 3774204.271 348.00
LOCATION L0001595 VOLUME 479091.545 3774204.272 348.00
LOCATION L0001596 VOLUME 479100.135 3774204.272 348.00
LOCATION L0001597 VOLUME 479108.725 3774204.273 348.00
LOCATION L0001598 VOLUME 479117.315 3774204.273 348.00

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   LOCATION L0001600     VOLUME   479134.495 3774204.274 348.00
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** End of LINE VOLUME Source ID = SLINE8
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE9
** DESCRSRC 5th 80% E
** PREFIX
** Length of Side = 14.00
** Configuration = Adjacent
** Emission Rate = 8.594E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 7
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** 479601.979, 3774201.987, 352.00, 3.49, 6.51
** 479934.103, 3774202.673, 354.00, 3.49, 6.51
** 479968.262, 3774200.810, 354.63, 3.49, 6.51
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   LOCATION L0001605     VOLUME   479196.728 3774203.821 349.00
   LOCATION L0001606     VOLUME   479210.728 3774203.691 349.00
   LOCATION L0001607     VOLUME   479224.727 3774203.561 349.00
   LOCATION L0001608     VOLUME   479238.726 3774203.432 349.07
   LOCATION L0001609     VOLUME   479252.726 3774203.302 349.18
   LOCATION L0001610     VOLUME   479266.725 3774203.172 349.41
   LOCATION L0001611     VOLUME   479280.725 3774203.042 349.76
   LOCATION L0001612     VOLUME   479294.724 3774202.912 350.00
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   LOCATION L0001614     VOLUME   479322.723 3774202.653 350.00
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   LOCATION L0001617     VOLUME   479364.721 3774202.263 350.00
   LOCATION L0001618     VOLUME   479378.720 3774202.133 350.00
   LOCATION L0001619     VOLUME   479392.720 3774202.003 350.08
   LOCATION L0001620     VOLUME   479406.720 3774201.987 350.17
   LOCATION L0001621     VOLUME   479420.720 3774201.987 350.48
   LOCATION L0001622     VOLUME   479434.720 3774201.987 350.86
   LOCATION L0001623     VOLUME   479448.720 3774201.987 351.00
   LOCATION L0001624     VOLUME   479462.720 3774201.987 351.00
   LOCATION L0001625     VOLUME   479476.720 3774201.987 351.00
   LOCATION L0001626     VOLUME   479490.720 3774201.987 351.00
   LOCATION L0001627     VOLUME   479504.720 3774201.987 351.16
   LOCATION L0001628     VOLUME   479518.720 3774201.987 351.63
   LOCATION L0001629     VOLUME   479532.720 3774201.987 352.00
   LOCATION L0001630     VOLUME   479546.720 3774201.987 352.00
   LOCATION L0001631     VOLUME   479560.720 3774201.987 352.00
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   LOCATION L0001633     VOLUME   479588.720 3774201.987 352.00
   LOCATION L0001634     VOLUME   479602.720 3774201.988 352.00
   LOCATION L0001635     VOLUME   479616.720 3774202.017 352.00
   LOCATION L0001636     VOLUME   479630.720 3774202.046 352.36
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   LOCATION L0001639     VOLUME   479672.720 3774202.133 353.00
   LOCATION L0001640     VOLUME   479686.720 3774202.162 353.00
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   LOCATION L0001642     VOLUME   479714.720 3774202.220 353.00
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LOCATION L0001647 VOLUME 479784.719 3774202.364 353.20
LOCATION L0001648 VOLUME 479798.719 3774202.393 353.20
LOCATION L0001649 VOLUME 479812.719 3774202.422 353.21
LOCATION L0001650 VOLUME 479826.719 3774202.451 353.21
LOCATION L0001651 VOLUME 479840.719 3774202.480 353.49
LOCATION L0001652 VOLUME 479854.719 3774202.509 353.86
LOCATION L0001653 VOLUME 479868.719 3774202.538 354.00
LOCATION L0001654 VOLUME 479882.719 3774202.567 354.00
LOCATION L0001655 VOLUME 479896.719 3774202.596 354.00
LOCATION L0001656 VOLUME 479910.719 3774202.625 354.00
LOCATION L0001657 VOLUME 479924.719 3774202.654 354.00
LOCATION L0001658 VOLUME 479938.712 3774202.422 354.00
LOCATION L0001659 VOLUME 479952.691 3774201.659 354.09
LOCATION L0001660 VOLUME 479966.671 3774200.897 354.56
LOCATION L0001661 VOLUME 479980.616 3774199.675 355.00
LOCATION L0001662 VOLUME 479994.558 3774198.395 355.03
LOCATION L0001663 VOLUME 480008.499 3774197.115 355.03
LOCATION L0001664 VOLUME 480022.440 3774195.834 355.42
LOCATION L0001665 VOLUME 480036.382 3774194.554 355.88
LOCATION L0001666 VOLUME 480050.323 3774193.274 356.00
LOCATION L0001667 VOLUME 480064.264 3774191.993 356.00
LOCATION L0001668 VOLUME 480078.206 3774190.713 356.00
LOCATION L0001669 VOLUME 480092.147 3774189.433 356.00
LOCATION L0001670 VOLUME 480106.088 3774188.152 356.21
LOCATION L0001671 VOLUME 480120.030 3774186.872 356.67
LOCATION L0001672 VOLUME 480133.971 3774185.592 357.00
LOCATION L0001673 VOLUME 480147.912 3774184.311 357.00
LOCATION L0001674 VOLUME 480161.854 3774183.031 357.00
LOCATION L0001675 VOLUME 480175.795 3774181.751 357.00
LOCATION L0001676 VOLUME 480189.736 3774180.470 357.00
LOCATION L0001677 VOLUME 480203.678 3774179.190 357.46
LOCATION L0001678 VOLUME 480217.626 3774177.995 357.92
LOCATION L0001679 VOLUME 480231.585 3774176.916 358.00
LOCATION L0001680 VOLUME 480245.543 3774175.838 358.00
LOCATION L0001681 VOLUME 480259.501 3774174.759 358.00
LOCATION L0001682 VOLUME 480273.460 3774173.680 358.00
LOCATION L0001683 VOLUME 480287.418 3774172.601 358.25
LOCATION L0001684 VOLUME 480301.376 3774171.523 358.72
LOCATION L0001685 VOLUME 480315.335 3774170.444 359.00
LOCATION L0001686 VOLUME 480329.293 3774169.365 359.00
LOCATION L0001687 VOLUME 480343.252 3774168.286 359.00
LOCATION L0001688 VOLUME 480357.210 3774167.208 359.00
LOCATION L0001689 VOLUME 480371.168 3774166.129 359.00
LOCATION L0001690 VOLUME 480385.127 3774165.050 359.00
LOCATION L0001691 VOLUME 480399.085 3774163.971 359.00
LOCATION L0001692 VOLUME 480413.043 3774162.893 359.44
LOCATION L0001693 VOLUME 480427.002 3774161.814 359.90
LOCATION L0001694 VOLUME 480440.960 3774160.735 360.00
LOCATION L0001695 VOLUME 480454.919 3774159.656 360.00
LOCATION L0001696 VOLUME 480468.877 3774158.578 360.00
LOCATION L0001697 VOLUME 480482.835 3774157.499 360.00
LOCATION L0001698 VOLUME 480496.794 3774156.420 360.23
LOCATION L0001699 VOLUME 480510.752 3774155.341 360.70
LOCATION L0001700 VOLUME 480524.711 3774154.263 361.00
LOCATION L0001701 VOLUME 480538.669 3774153.184 361.00
LOCATION L0001702 VOLUME 480552.627 3774152.105 361.09
LOCATION L0001703 VOLUME 480566.586 3774151.026 361.56
LOCATION L0001704 VOLUME 480580.544 3774149.948 362.00
LOCATION L0001705 VOLUME 480594.502 3774148.869 362.00
LOCATION L0001706 VOLUME 480608.461 3774147.790 362.00
LOCATION L0001707 VOLUME 480622.419 3774146.711 362.00
LOCATION L0001708 VOLUME 480636.378 3774145.633 362.00
LOCATION L0001709 VOLUME 480650.336 3774144.554 362.25
LOCATION L0001710 VOLUME 480664.294 3774143.475 362.62

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   LOCATION L0001711     VOLUME   480678.253 3774142.396 362.85
   LOCATION L0001712     VOLUME   480692.211 3774141.318 362.96
   LOCATION L0001713     VOLUME   480706.169 3774140.239 363.00
   LOCATION L0001714     VOLUME   480720.128 3774139.160 363.00
   LOCATION L0001715     VOLUME   480734.086 3774138.081 363.13
** End of LINE VOLUME Source ID = SLINE9
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE10
** DESCRSRC 5th 67%
** PREFIX
** Length of Side = 14.00
** Configuration = Adjacent
** Emission Rate = 4.421E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 6
** 480742.072, 3774138.211, 363.28, 3.49, 6.51
** 480951.623, 3774119.365, 365.40, 3.49, 6.51
** 481149.059, 3774104.557, 368.00, 3.49, 6.51
** 481226.687, 3774110.839, 368.54, 3.49, 6.51
** 481502.649, 3774130.134, 371.88, 3.49, 6.51
** 481719.829, 3774148.980, 374.89, 3.49, 6.51
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   LOCATION L0001716     VOLUME   480749.044 3774137.584 363.61
   LOCATION L0001717     VOLUME   480762.987 3774136.330 364.00
   LOCATION L0001718     VOLUME   480776.931 3774135.076 364.00
   LOCATION L0001719     VOLUME   480790.875 3774133.822 364.00
   LOCATION L0001720     VOLUME   480804.818 3774132.568 364.00
   LOCATION L0001721     VOLUME   480818.762 3774131.314 364.00
   LOCATION L0001722     VOLUME   480832.706 3774130.060 364.09
   LOCATION L0001723     VOLUME   480846.650 3774128.806 364.22
   LOCATION L0001724     VOLUME   480860.593 3774127.552 364.54
   LOCATION L0001725     VOLUME   480874.537 3774126.298 364.88
   LOCATION L0001726     VOLUME   480888.481 3774125.043 365.00
   LOCATION L0001727     VOLUME   480902.425 3774123.789 365.00
   LOCATION L0001728     VOLUME   480916.368 3774122.535 365.00
   LOCATION L0001729     VOLUME   480930.312 3774121.281 365.00
   LOCATION L0001730     VOLUME   480944.256 3774120.027 365.15
   LOCATION L0001731     VOLUME   480958.207 3774118.871 365.61
   LOCATION L0001732     VOLUME   480972.168 3774117.824 366.00
   LOCATION L0001733     VOLUME   480986.129 3774116.777 366.00
   LOCATION L0001734     VOLUME   481000.090 3774115.730 366.00
   LOCATION L0001735     VOLUME   481014.051 3774114.683 366.00
   LOCATION L0001736     VOLUME   481028.011 3774113.636 366.00
   LOCATION L0001737     VOLUME   481041.972 3774112.589 366.40
   LOCATION L0001738     VOLUME   481055.933 3774111.541 366.87
   LOCATION L0001739     VOLUME   481069.894 3774110.494 367.00
   LOCATION L0001740     VOLUME   481083.855 3774109.447 367.00
   LOCATION L0001741     VOLUME   481097.815 3774108.400 367.00
   LOCATION L0001742     VOLUME   481111.776 3774107.353 367.00
   LOCATION L0001743     VOLUME   481125.737 3774106.306 367.19
   LOCATION L0001744     VOLUME   481139.698 3774105.259 367.67
   LOCATION L0001745     VOLUME   481153.656 3774104.929 368.00
   LOCATION L0001746     VOLUME   481167.611 3774106.058 368.00
   LOCATION L0001747     VOLUME   481181.565 3774107.188 368.00
   LOCATION L0001748     VOLUME   481195.520 3774108.317 368.00
   LOCATION L0001749     VOLUME   481209.474 3774109.446 368.00
   LOCATION L0001750     VOLUME   481223.428 3774110.575 368.45
   LOCATION L0001751     VOLUME   481237.392 3774111.587 368.92
   LOCATION L0001752     VOLUME   481251.357 3774112.564 369.00
   LOCATION L0001753     VOLUME   481265.323 3774113.540 369.00
   LOCATION L0001754     VOLUME   481279.289 3774114.517 369.00
   LOCATION L0001755     VOLUME   481293.255 3774115.493 369.00
   LOCATION L0001756     VOLUME   481307.221 3774116.470 369.24
   LOCATION L0001757     VOLUME   481321.187 3774117.446 369.71
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   LOCATION L0001758     VOLUME   481335.153 3774118.423 370.00
   LOCATION L0001759     VOLUME   481349.119 3774119.399 370.00
   LOCATION L0001760     VOLUME   481363.085 3774120.376 370.00
   LOCATION L0001761     VOLUME   481377.051 3774121.352 370.00
   LOCATION L0001762     VOLUME   481391.016 3774122.329 370.04
   LOCATION L0001763     VOLUME   481404.982 3774123.305 370.50
   LOCATION L0001764     VOLUME   481418.948 3774124.282 370.97
   LOCATION L0001765     VOLUME   481432.914 3774125.258 371.00
   LOCATION L0001766     VOLUME   481446.880 3774126.235 371.00
   LOCATION L0001767     VOLUME   481460.846 3774127.211 371.11
   LOCATION L0001768     VOLUME   481474.812 3774128.188 371.22
   LOCATION L0001769     VOLUME   481488.778 3774129.164 371.46
   LOCATION L0001770     VOLUME   481502.744 3774130.142 371.81
   LOCATION L0001771     VOLUME   481516.691 3774131.352 372.00
   LOCATION L0001772     VOLUME   481530.639 3774132.563 372.00
   LOCATION L0001773     VOLUME   481544.586 3774133.773 372.01
   LOCATION L0001774     VOLUME   481558.534 3774134.983 372.03
   LOCATION L0001775     VOLUME   481572.482 3774136.194 372.09
   LOCATION L0001776     VOLUME   481586.429 3774137.404 372.55
   LOCATION L0001777     VOLUME   481600.377 3774138.614 373.01
   LOCATION L0001778     VOLUME   481614.324 3774139.825 373.42
   LOCATION L0001779     VOLUME   481628.272 3774141.035 373.79
   LOCATION L0001780     VOLUME   481642.219 3774142.245 373.88
   LOCATION L0001781     VOLUME   481656.167 3774143.456 373.97
   LOCATION L0001782     VOLUME   481670.115 3774144.666 374.00
   LOCATION L0001783     VOLUME   481684.062 3774145.876 374.00
   LOCATION L0001784     VOLUME   481698.010 3774147.087 374.17
   LOCATION L0001785     VOLUME   481711.957 3774148.297 374.44
** End of LINE VOLUME Source ID = SLINE10
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE11
** DESCRSRC 5th 5%
** PREFIX
** Length of Side = 14.00
** Configuration = Adjacent
** Emission Rate = 4.042E-07
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 10
** 481720.780, 3774150.511, 374.55, 3.49, 6.51
** 481955.170, 3774170.572, 377.00, 3.49, 6.51
** 482157.886, 3774187.993, 378.53, 3.49, 6.51
** 482304.116, 3774200.134, 380.95, 3.49, 6.51
** 482457.737, 3774209.637, 382.00, 3.49, 6.51
** 482571.237, 3774209.637, 383.31, 3.49, 6.51
** 482663.621, 3774209.637, 384.38, 3.49, 6.51
** 482767.090, 3774195.911, 386.02, 3.49, 6.51
** 482853.139, 3774179.546, 387.80, 3.49, 6.51
** 482916.488, 3774166.876, 388.98, 3.49, 6.51
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   LOCATION L0001786     VOLUME   481727.754 3774151.108 374.63
   LOCATION L0001787     VOLUME   481741.703 3774152.302 374.85
   LOCATION L0001788     VOLUME   481755.652 3774153.496 375.00
   LOCATION L0001789     VOLUME   481769.601 3774154.690 375.00
   LOCATION L0001790     VOLUME   481783.550 3774155.883 375.04
   LOCATION L0001791     VOLUME   481797.499 3774157.077 375.18
   LOCATION L0001792     VOLUME   481811.448 3774158.271 375.30
   LOCATION L0001793     VOLUME   481825.397 3774159.465 375.63
   LOCATION L0001794     VOLUME   481839.346 3774160.659 375.98
   LOCATION L0001795     VOLUME   481853.295 3774161.853 376.00
   LOCATION L0001796     VOLUME   481867.244 3774163.046 376.00
   LOCATION L0001797     VOLUME   481881.193 3774164.240 376.00
   LOCATION L0001798     VOLUME   481895.142 3774165.434 376.00
   LOCATION L0001799     VOLUME   481909.091 3774166.628 376.30
   LOCATION L0001800     VOLUME   481923.040 3774167.822 376.73
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LOCATION L0001801 VOLUME 481936.989 3774169.016 376.93
LOCATION L0001802 VOLUME 481950.938 3774170.210 376.96
LOCATION L0001803 VOLUME 481964.887 3774171.407 377.00
LOCATION L0001804 VOLUME 481978.835 3774172.605 377.00
LOCATION L0001805 VOLUME 481992.784 3774173.804 377.00
LOCATION L0001806 VOLUME 482006.733 3774175.003 377.00
LOCATION L0001807 VOLUME 482020.681 3774176.202 377.02
LOCATION L0001808 VOLUME 482034.630 3774177.400 377.31
LOCATION L0001809 VOLUME 482048.578 3774178.599 377.56
LOCATION L0001810 VOLUME 482062.527 3774179.798 377.74
LOCATION L0001811 VOLUME 482076.476 3774180.996 377.94
LOCATION L0001812 VOLUME 482090.424 3774182.195 378.00
LOCATION L0001813 VOLUME 482104.373 3774183.394 378.00
LOCATION L0001814 VOLUME 482118.321 3774184.593 378.00
LOCATION L0001815 VOLUME 482132.270 3774185.791 378.00
LOCATION L0001816 VOLUME 482146.218 3774186.990 378.21
LOCATION L0001817 VOLUME 482160.168 3774188.182 378.67
LOCATION L0001818 VOLUME 482174.120 3774189.341 379.00
LOCATION L0001819 VOLUME 482188.072 3774190.499 379.00
LOCATION L0001820 VOLUME 482202.024 3774191.657 379.07
LOCATION L0001821 VOLUME 482215.976 3774192.816 379.54
LOCATION L0001822 VOLUME 482229.928 3774193.974 380.00
LOCATION L0001823 VOLUME 482243.880 3774195.133 380.00
LOCATION L0001824 VOLUME 482257.832 3774196.291 380.00
LOCATION L0001825 VOLUME 482271.784 3774197.450 380.40
LOCATION L0001826 VOLUME 482285.736 3774198.608 380.86
LOCATION L0001827 VOLUME 482299.687 3774199.767 381.00
LOCATION L0001828 VOLUME 482313.654 3774200.724 381.00
LOCATION L0001829 VOLUME 482327.627 3774201.589 381.00
LOCATION L0001830 VOLUME 482341.601 3774202.453 381.00
LOCATION L0001831 VOLUME 482355.574 3774203.317 381.19
LOCATION L0001832 VOLUME 482369.547 3774204.182 381.65
LOCATION L0001833 VOLUME 482383.520 3774205.046 382.00
LOCATION L0001834 VOLUME 482397.494 3774205.910 382.00
LOCATION L0001835 VOLUME 482411.467 3774206.775 382.00
LOCATION L0001836 VOLUME 482425.440 3774207.639 382.00
LOCATION L0001837 VOLUME 482439.414 3774208.503 382.00
LOCATION L0001838 VOLUME 482453.387 3774209.368 382.00
LOCATION L0001839 VOLUME 482467.379 3774209.637 382.00
LOCATION L0001840 VOLUME 482481.379 3774209.637 382.38
LOCATION L0001841 VOLUME 482495.379 3774209.637 382.85
LOCATION L0001842 VOLUME 482509.379 3774209.637 383.00
LOCATION L0001843 VOLUME 482523.379 3774209.637 383.00
LOCATION L0001844 VOLUME 482537.379 3774209.637 383.00
LOCATION L0001845 VOLUME 482551.379 3774209.637 383.00
LOCATION L0001846 VOLUME 482565.379 3774209.637 383.18
LOCATION L0001847 VOLUME 482579.379 3774209.637 383.65
LOCATION L0001848 VOLUME 482593.379 3774209.637 384.00
LOCATION L0001849 VOLUME 482607.379 3774209.637 384.00
LOCATION L0001850 VOLUME 482621.379 3774209.637 384.00
LOCATION L0001851 VOLUME 482635.379 3774209.637 384.00
LOCATION L0001852 VOLUME 482649.379 3774209.637 384.00
LOCATION L0001853 VOLUME 482663.379 3774209.637 384.45
LOCATION L0001854 VOLUME 482677.259 3774207.828 384.91
LOCATION L0001855 VOLUME 482691.138 3774205.987 385.00
LOCATION L0001856 VOLUME 482705.016 3774204.146 385.00
LOCATION L0001857 VOLUME 482718.894 3774202.305 385.30
LOCATION L0001858 VOLUME 482732.773 3774200.464 385.76
LOCATION L0001859 VOLUME 482746.651 3774198.623 386.00
LOCATION L0001860 VOLUME 482760.530 3774196.781 386.00
LOCATION L0001861 VOLUME 482774.342 3774194.532 386.20
LOCATION L0001862 VOLUME 482788.096 3774191.916 386.66
LOCATION L0001863 VOLUME 482801.849 3774189.301 387.00
LOCATION L0001864 VOLUME 482815.603 3774186.685 387.00
LOCATION L0001865 VOLUME 482829.356 3774184.069 387.00
LOCATION L0001866 VOLUME 482843.110 3774181.454 387.44

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   LOCATION L0001867     VOLUME   482856.856 3774178.803 387.90
   LOCATION L0001868     VOLUME   482870.584 3774176.057 388.00
   LOCATION L0001869     VOLUME   482884.313 3774173.311 388.00
   LOCATION L0001870     VOLUME   482898.041 3774170.566 388.23
   LOCATION L0001871     VOLUME   482911.769 3774167.820 388.69
** End of LINE VOLUME Source ID = SLINE11
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE12
** DESCRSRC Palm 8%
** PREFIX
** Length of Side = 14.00
** Configuration = Adjacent
** Emission Rate = 3.54E-07
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 3
** 480741.619, 3774126.198, 363.26, 3.49, 6.51
** 480739.507, 3773776.168, 365.12, 3.49, 6.51
** 480745.842, 3773468.373, 362.44, 3.49, 6.51
** ----------------------------------------------------------------------
   LOCATION L0001872     VOLUME   480741.576 3774119.198 363.39
   LOCATION L0001873     VOLUME   480741.492 3774105.199 363.39
   LOCATION L0001874     VOLUME   480741.407 3774091.199 363.38
   LOCATION L0001875     VOLUME   480741.323 3774077.199 363.38
   LOCATION L0001876     VOLUME   480741.239 3774063.199 363.65
   LOCATION L0001877     VOLUME   480741.154 3774049.200 363.94
   LOCATION L0001878     VOLUME   480741.070 3774035.200 364.00
   LOCATION L0001879     VOLUME   480740.985 3774021.200 364.00
   LOCATION L0001880     VOLUME   480740.901 3774007.201 364.11
   LOCATION L0001881     VOLUME   480740.816 3773993.201 364.28
   LOCATION L0001882     VOLUME   480740.732 3773979.201 364.51
   LOCATION L0001883     VOLUME   480740.647 3773965.201 364.81
   LOCATION L0001884     VOLUME   480740.563 3773951.202 365.06
   LOCATION L0001885     VOLUME   480740.478 3773937.202 365.22
   LOCATION L0001886     VOLUME   480740.394 3773923.202 365.35
   LOCATION L0001887     VOLUME   480740.309 3773909.202 365.35
   LOCATION L0001888     VOLUME   480740.225 3773895.203 365.34
   LOCATION L0001889     VOLUME   480740.140 3773881.203 365.34
   LOCATION L0001890     VOLUME   480740.056 3773867.203 365.34
   LOCATION L0001891     VOLUME   480739.972 3773853.203 365.34
   LOCATION L0001892     VOLUME   480739.887 3773839.204 365.33
   LOCATION L0001893     VOLUME   480739.803 3773825.204 365.33
   LOCATION L0001894     VOLUME   480739.718 3773811.204 365.33
   LOCATION L0001895     VOLUME   480739.634 3773797.204 365.32
   LOCATION L0001896     VOLUME   480739.549 3773783.205 365.32
   LOCATION L0001897     VOLUME   480739.650 3773769.206 365.33
   LOCATION L0001898     VOLUME   480739.938 3773755.209 365.33
   LOCATION L0001899     VOLUME   480740.226 3773741.212 365.34
   LOCATION L0001900     VOLUME   480740.514 3773727.215 365.35
   LOCATION L0001901     VOLUME   480740.802 3773713.218 365.36
   LOCATION L0001902     VOLUME   480741.091 3773699.221 365.37
   LOCATION L0001903     VOLUME   480741.379 3773685.224 365.38
   LOCATION L0001904     VOLUME   480741.667 3773671.227 365.39
   LOCATION L0001905     VOLUME   480741.955 3773657.230 365.40
   LOCATION L0001906     VOLUME   480742.243 3773643.233 365.41
   LOCATION L0001907     VOLUME   480742.531 3773629.236 365.42
   LOCATION L0001908     VOLUME   480742.819 3773615.239 365.06
   LOCATION L0001909     VOLUME   480743.107 3773601.242 364.61
   LOCATION L0001910     VOLUME   480743.395 3773587.245 364.31
   LOCATION L0001911     VOLUME   480743.684 3773573.248 364.11
   LOCATION L0001912     VOLUME   480743.972 3773559.251 363.88
   LOCATION L0001913     VOLUME   480744.260 3773545.254 363.63
   LOCATION L0001914     VOLUME   480744.548 3773531.257 363.41
   LOCATION L0001915     VOLUME   480744.836 3773517.260 363.18
   LOCATION L0001916     VOLUME   480745.124 3773503.263 362.95
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   LOCATION L0001917     VOLUME   480745.412 3773489.265 362.73
   LOCATION L0001918     VOLUME   480745.700 3773475.268 362.53
** End of LINE VOLUME Source ID = SLINE12
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE13
** DESCRSRC Palm 5%
** PREFIX
** Length of Side = 14.00
** Configuration = Adjacent
** Emission Rate = 1.97E-07
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 4
** 480742.494, 3774148.165, 363.34, 3.49, 6.51
** 480743.791, 3774372.538, 363.00, 3.49, 6.51
** 480745.736, 3774616.041, 363.95, 3.49, 6.51
** 480747.033, 3774733.740, 364.00, 3.49, 6.51
** ----------------------------------------------------------------------
   LOCATION L0001919     VOLUME   480742.534 3774155.165 363.16
   LOCATION L0001920     VOLUME   480742.615 3774169.165 363.00
   LOCATION L0001921     VOLUME   480742.696 3774183.164 363.00
   LOCATION L0001922     VOLUME   480742.777 3774197.164 363.00
   LOCATION L0001923     VOLUME   480742.858 3774211.164 363.00
   LOCATION L0001924     VOLUME   480742.939 3774225.164 363.00
   LOCATION L0001925     VOLUME   480743.020 3774239.163 363.00
   LOCATION L0001926     VOLUME   480743.101 3774253.163 363.00
   LOCATION L0001927     VOLUME   480743.182 3774267.163 363.00
   LOCATION L0001928     VOLUME   480743.263 3774281.163 363.00
   LOCATION L0001929     VOLUME   480743.343 3774295.162 363.00
   LOCATION L0001930     VOLUME   480743.424 3774309.162 363.00
   LOCATION L0001931     VOLUME   480743.505 3774323.162 363.00
   LOCATION L0001932     VOLUME   480743.586 3774337.162 363.00
   LOCATION L0001933     VOLUME   480743.667 3774351.161 363.00
   LOCATION L0001934     VOLUME   480743.748 3774365.161 363.00
   LOCATION L0001935     VOLUME   480743.844 3774379.161 363.00
   LOCATION L0001936     VOLUME   480743.955 3774393.160 363.00
   LOCATION L0001937     VOLUME   480744.067 3774407.160 363.00
   LOCATION L0001938     VOLUME   480744.179 3774421.160 363.00
   LOCATION L0001939     VOLUME   480744.291 3774435.159 363.00
   LOCATION L0001940     VOLUME   480744.403 3774449.159 363.00
   LOCATION L0001941     VOLUME   480744.515 3774463.158 363.00
   LOCATION L0001942     VOLUME   480744.627 3774477.158 363.18
   LOCATION L0001943     VOLUME   480744.738 3774491.157 363.41
   LOCATION L0001944     VOLUME   480744.850 3774505.157 363.50
   LOCATION L0001945     VOLUME   480744.962 3774519.156 363.50
   LOCATION L0001946     VOLUME   480745.074 3774533.156 363.51
   LOCATION L0001947     VOLUME   480745.186 3774547.156 363.51
   LOCATION L0001948     VOLUME   480745.298 3774561.155 363.59
   LOCATION L0001949     VOLUME   480745.410 3774575.155 363.82
   LOCATION L0001950     VOLUME   480745.521 3774589.154 364.00
   LOCATION L0001951     VOLUME   480745.633 3774603.154 364.00
   LOCATION L0001952     VOLUME   480745.748 3774617.153 364.00
   LOCATION L0001953     VOLUME   480745.903 3774631.152 364.00
   LOCATION L0001954     VOLUME   480746.057 3774645.152 364.00
   LOCATION L0001955     VOLUME   480746.211 3774659.151 364.00
   LOCATION L0001956     VOLUME   480746.365 3774673.150 364.00
   LOCATION L0001957     VOLUME   480746.520 3774687.149 364.00
   LOCATION L0001958     VOLUME   480746.674 3774701.148 364.00
   LOCATION L0001959     VOLUME   480746.828 3774715.147 364.00
   LOCATION L0001960     VOLUME   480746.983 3774729.146 364.00
** End of LINE VOLUME Source ID = SLINE13
   LOCATION STCK1        POINT      477591.320  3774375.020      337.000
   LOCATION VOL1         VOLUME     477661.350  3774242.430      337.000
   LOCATION VOL2         VOLUME     477716.520  3774243.728      337.000
   LOCATION VOL3         VOLUME     477770.721  3774244.873      338.000
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   LOCATION VOL4         VOLUME     477824.922  3774246.018      338.000
   LOCATION VOL5         VOLUME     477878.741  3774247.163      338.670
   LOCATION VOL6         VOLUME     477932.560  3774249.454      339.000
   LOCATION VOL7         VOLUME     477986.379  3774250.217      339.550
** Source Parameters **
** LINE VOLUME Source ID = SLINE1
   SRCPARAM L0000981     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0000982     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0000983     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0000984     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0000985     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0000986     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0000987     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0000988     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0000989     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0000990     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0000991     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0000992     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0000993     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0000994     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0000995     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0000996     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0000997     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0000998     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0000999     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001000     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001001     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001002     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001003     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001004     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001005     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001006     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001007     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001008     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001009     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001010     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001011     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001012     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001013     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001014     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001015     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001016     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001017     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001018     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001019     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001020     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001021     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001022     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001023     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001024     0.0000002991      3.49      4.00      3.25
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** LINE VOLUME Source ID = SLINE2
   SRCPARAM L0001025     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001026     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001027     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001028     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001029     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001030     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001031     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001032     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001033     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001034     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001035     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001036     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001037     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001038     0.0000002991      3.49      4.00      3.25
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   SRCPARAM L0001039     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001040     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001041     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001042     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001043     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001044     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001045     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001046     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001047     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001048     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001049     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001050     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001051     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001052     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001053     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001054     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001055     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001056     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001057     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001058     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001059     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001060     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001061     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001062     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001063     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001064     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001065     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001066     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001067     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001068     0.0000002991      3.49      4.00      3.25
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** LINE VOLUME Source ID = SLINE3
   SRCPARAM L0001069     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001070     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001071     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001072     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001073     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001074     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001075     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001076     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001077     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001078     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001079     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001080     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001081     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001082     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001083     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001084     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001085     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001086     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001087     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001088     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001089     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001090     0.0000001343      3.49      4.00      3.25
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   SRCPARAM L0001097     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001098     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001099     0.0000001343      3.49      4.00      3.25
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   SRCPARAM L0001101     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001102     0.0000001343      3.49      4.00      3.25
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   SRCPARAM L0001103     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001104     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001105     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001106     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001107     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001108     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001109     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001110     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001111     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001112     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001113     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001114     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001115     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001116     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001117     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001118     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001119     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001120     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001121     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001122     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001123     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001124     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001125     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001126     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001127     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001128     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001129     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001130     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001131     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001132     0.0000001343      3.49      4.00      3.25
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** LINE VOLUME Source ID = SLINE4
   SRCPARAM L0001133     0.000000006956      3.49      4.00      3.25
   SRCPARAM L0001134     0.000000006956      3.49      4.00      3.25
   SRCPARAM L0001135     0.000000006956      3.49      4.00      3.25
   SRCPARAM L0001136     0.000000006956      3.49      4.00      3.25
   SRCPARAM L0001137     0.000000006956      3.49      4.00      3.25
   SRCPARAM L0001138     0.000000006956      3.49      4.00      3.25
   SRCPARAM L0001139     0.000000006956      3.49      4.00      3.25
   SRCPARAM L0001140     0.000000006956      3.49      4.00      3.25
   SRCPARAM L0001141     0.000000006956      3.49      4.00      3.25
   SRCPARAM L0001142     0.000000006956      3.49      4.00      3.25
   SRCPARAM L0001143     0.000000006956      3.49      4.00      3.25
   SRCPARAM L0001144     0.000000006956      3.49      4.00      3.25
   SRCPARAM L0001145     0.000000006956      3.49      4.00      3.25
   SRCPARAM L0001146     0.000000006956      3.49      4.00      3.25
   SRCPARAM L0001147     0.000000006956      3.49      4.00      3.25
   SRCPARAM L0001148     0.000000006956      3.49      4.00      3.25
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** LINE VOLUME Source ID = SLINE5
   SRCPARAM L0001149     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001150     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001151     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001152     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001153     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001154     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001155     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001156     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001157     0.000000008656      3.49      4.00      3.25
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   SRCPARAM L0001159     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001160     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001161     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001162     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001163     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001164     0.000000008656      3.49      4.00      3.25
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SRCPARAM L0001165     0.000000008656      3.49      4.00      3.25
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SRCPARAM L0001168     0.000000008656      3.49      4.00      3.25
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SRCPARAM L0001170     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001171     0.000000008656      3.49      4.00      3.25
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SRCPARAM L0001183     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001184     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001185     0.000000008656      3.49      4.00      3.25
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SRCPARAM L0001187     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001188     0.000000008656      3.49      4.00      3.25
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SRCPARAM L0001205     0.000000008656      3.49      4.00      3.25
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SRCPARAM L0001208     0.000000008656      3.49      4.00      3.25
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SRCPARAM L0001211     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001212     0.000000008656      3.49      4.00      3.25
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SRCPARAM L0001215     0.000000008656      3.49      4.00      3.25
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SRCPARAM L0001226     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001227     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001228     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001229     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001230     0.000000008656      3.49      4.00      3.25
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SRCPARAM L0001231     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001232     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001233     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001234     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001235     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001236     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001237     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001238     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001239     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001240     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001241     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001242     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001243     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001244     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001245     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001246     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001247     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001248     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001249     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001250     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001251     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001252     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001253     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001254     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001255     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001256     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001257     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001258     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001259     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001260     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001261     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001262     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001263     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001264     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001265     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001266     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001267     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001268     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001269     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001270     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001271     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001272     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001273     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001274     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001275     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001276     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001277     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001278     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001279     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001280     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001281     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001282     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001283     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001284     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001285     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001286     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001287     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001288     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001289     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001290     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001291     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001292     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001293     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001294     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001295     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001296     0.000000008656      3.49      4.00      3.25
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   SRCPARAM L0001297     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001298     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001299     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001300     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001301     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001302     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001303     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001304     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001305     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001306     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001307     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001308     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001309     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001310     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001311     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001312     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001313     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001314     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001315     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001316     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001317     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001318     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001319     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001320     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001321     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001322     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001323     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001324     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001325     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001326     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001327     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001328     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001329     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001330     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001331     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001332     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001333     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001334     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001335     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001336     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001337     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001338     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001339     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001340     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001341     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001342     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001343     0.000000008656      3.49      4.00      3.25
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE6
   SRCPARAM L0001344     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001345     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001346     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001347     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001348     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001349     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001350     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001351     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001352     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001353     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001354     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001355     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001356     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001357     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001358     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001359     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001360     0.000000002896      3.49      4.00      3.25
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   SRCPARAM L0001361     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001362     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001363     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001364     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001365     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001366     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001367     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001368     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001369     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001370     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001371     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001372     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001373     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001374     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001375     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001376     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001377     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001378     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001379     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001380     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001381     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001382     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001383     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001384     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001385     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001386     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001387     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001388     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001389     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001390     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001391     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001392     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001393     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001394     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001395     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001396     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001397     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001398     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001399     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001400     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001401     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001402     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001403     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001404     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001405     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001406     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001407     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001408     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001409     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001410     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001411     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001412     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001413     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001414     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001415     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001416     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001417     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001418     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001419     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001420     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001421     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001422     0.000000002896      3.49      4.00      3.25
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE7
   SRCPARAM L0001423     0.00000000865       3.49      4.00      3.25
   SRCPARAM L0001424     0.00000000865       3.49      4.00      3.25
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   SRCPARAM L0001425     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001426     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001427     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001428     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001429     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001430     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001431     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001432     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001433     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001434     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001435     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001436     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001437     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001438     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001439     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001440     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001441     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001442     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001443     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001444     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001445     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001446     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001447     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001448     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001449     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001450     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001451     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001452     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001453     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001454     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001455     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001456     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001457     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001458     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001459     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001460     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001461     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001462     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001463     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001464     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001465     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001466     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001467     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001468     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001469     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001470     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001471     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001472     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001473     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001474     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001475     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001476     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001477     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001478     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001479     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001480     0.00000000865      3.49      4.00      3.25
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** LINE VOLUME Source ID = SLINE8
   SRCPARAM L0001481     0.00000004622      3.49      4.00      3.25
   SRCPARAM L0001482     0.00000004622      3.49      4.00      3.25
   SRCPARAM L0001483     0.00000004622      3.49      4.00      3.25
   SRCPARAM L0001484     0.00000004622      3.49      4.00      3.25
   SRCPARAM L0001485     0.00000004622      3.49      4.00      3.25
   SRCPARAM L0001486     0.00000004622      3.49      4.00      3.25
   SRCPARAM L0001487     0.00000004622      3.49      4.00      3.25
   SRCPARAM L0001488     0.00000004622      3.49      4.00      3.25
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SRCPARAM L0001489     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001490     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001491     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001492     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001493     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001494     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001495     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001496     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001497     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001498     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001499     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001500     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001501     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001502     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001503     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001504     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001505     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001506     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001507     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001508     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001509     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001510     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001511     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001512     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001513     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001514     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001515     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001516     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001517     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001518     0.00000004622      3.49      4.00      3.25
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SRCPARAM L0001531     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001532     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001533     0.00000004622      3.49      4.00      3.25
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SRCPARAM L0001541     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001542     0.00000004622      3.49      4.00      3.25
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SRCPARAM L0001550     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001551     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001552     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001553     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001554     0.00000004622      3.49      4.00      3.25
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   SRCPARAM L0001555     0.00000004622      3.49      4.00      3.25
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   SRCPARAM L0001557     0.00000004622      3.49      4.00      3.25
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   SRCPARAM L0001561     0.00000004622      3.49      4.00      3.25
   SRCPARAM L0001562     0.00000004622      3.49      4.00      3.25
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   SRCPARAM L0001565     0.00000004622      3.49      4.00      3.25
   SRCPARAM L0001566     0.00000004622      3.49      4.00      3.25
   SRCPARAM L0001567     0.00000004622      3.49      4.00      3.25
   SRCPARAM L0001568     0.00000004622      3.49      4.00      3.25
   SRCPARAM L0001569     0.00000004622      3.49      4.00      3.25
   SRCPARAM L0001570     0.00000004622      3.49      4.00      3.25
   SRCPARAM L0001571     0.00000004622      3.49      4.00      3.25
   SRCPARAM L0001572     0.00000004622      3.49      4.00      3.25
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   SRCPARAM L0001575     0.00000004622      3.49      4.00      3.25
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   SRCPARAM L0001577     0.00000004622      3.49      4.00      3.25
   SRCPARAM L0001578     0.00000004622      3.49      4.00      3.25
   SRCPARAM L0001579     0.00000004622      3.49      4.00      3.25
   SRCPARAM L0001580     0.00000004622      3.49      4.00      3.25
   SRCPARAM L0001581     0.00000004622      3.49      4.00      3.25
   SRCPARAM L0001582     0.00000004622      3.49      4.00      3.25
   SRCPARAM L0001583     0.00000004622      3.49      4.00      3.25
   SRCPARAM L0001584     0.00000004622      3.49      4.00      3.25
   SRCPARAM L0001585     0.00000004622      3.49      4.00      3.25
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   SRCPARAM L0001591     0.00000004622      3.49      4.00      3.25
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   SRCPARAM L0001594     0.00000004622      3.49      4.00      3.25
   SRCPARAM L0001595     0.00000004622      3.49      4.00      3.25
   SRCPARAM L0001596     0.00000004622      3.49      4.00      3.25
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   SRCPARAM L0001598     0.00000004622      3.49      4.00      3.25
   SRCPARAM L0001599     0.00000004622      3.49      4.00      3.25
   SRCPARAM L0001600     0.00000004622      3.49      4.00      3.25
   SRCPARAM L0001601     0.00000004622      3.49      4.00      3.25
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** LINE VOLUME Source ID = SLINE9
   SRCPARAM L0001602     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001603     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001604     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001605     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001606     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001607     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001608     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001609     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001610     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001611     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001612     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001613     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001614     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001615     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001616     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001617     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001618     0.00000007539      3.49      6.51      3.25
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SRCPARAM L0001619     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001620     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001621     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001622     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001623     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001624     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001625     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001626     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001627     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001628     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001629     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001630     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001631     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001632     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001633     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001634     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001635     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001636     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001637     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001638     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001639     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001640     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001641     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001642     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001643     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001644     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001645     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001646     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001647     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001648     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001649     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001650     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001651     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001652     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001653     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001654     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001655     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001656     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001657     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001658     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001659     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001660     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001661     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001662     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001663     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001664     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001665     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001666     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001667     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001668     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001669     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001670     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001671     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001672     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001673     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001674     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001675     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001676     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001677     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001678     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001679     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001680     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001681     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001682     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001683     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001684     0.00000007539      3.49      6.51      3.25
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   SRCPARAM L0001685     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001686     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001687     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001688     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001689     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001690     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001691     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001692     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001693     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001694     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001695     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001696     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001697     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001698     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001699     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001700     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001701     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001702     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001703     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001704     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001705     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001706     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001707     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001708     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001709     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001710     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001711     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001712     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001713     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001714     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001715     0.00000007539      3.49      6.51      3.25
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** LINE VOLUME Source ID = SLINE10
   SRCPARAM L0001716     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001717     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001718     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001719     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001720     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001721     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001722     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001723     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001724     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001725     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001726     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001727     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001728     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001729     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001730     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001731     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001732     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001733     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001734     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001735     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001736     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001737     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001738     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001739     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001740     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001741     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001742     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001743     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001744     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001745     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001746     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001747     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001748     0.00000006316      3.49      6.51      3.25
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   SRCPARAM L0001749     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001750     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001751     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001752     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001753     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001754     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001755     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001756     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001757     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001758     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001759     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001760     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001761     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001762     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001763     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001764     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001765     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001766     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001767     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001768     0.00000006316      3.49      6.51      3.25
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   SRCPARAM L0001770     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001771     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001772     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001773     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001774     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001775     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001776     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001777     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001778     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001779     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001780     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001781     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001782     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001783     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001784     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001785     0.00000006316      3.49      6.51      3.25
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** LINE VOLUME Source ID = SLINE11
   SRCPARAM L0001786     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001787     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001788     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001789     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001790     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001791     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001792     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001793     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001794     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001795     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001796     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001797     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001798     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001799     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001800     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001801     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001802     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001803     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001804     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001805     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001806     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001807     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001808     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001809     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001810     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001811     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001812     0.0000000047      3.49      6.51      3.25
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   SRCPARAM L0001813     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001814     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001815     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001816     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001817     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001818     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001819     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001820     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001821     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001822     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001823     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001824     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001825     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001826     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001827     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001828     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001829     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001830     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001831     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001832     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001833     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001834     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001835     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001836     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001837     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001838     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001839     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001840     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001841     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001842     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001843     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001844     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001845     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001846     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001847     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001848     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001849     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001850     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001851     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001852     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001853     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001854     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001855     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001856     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001857     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001858     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001859     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001860     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001861     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001862     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001863     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001864     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001865     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001866     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001867     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001868     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001869     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001870     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001871     0.0000000047      3.49      6.51      3.25
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE12
   SRCPARAM L0001872     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001873     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001874     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001875     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001876     0.000000007532      3.49      6.51      3.25
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   SRCPARAM L0001877     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001878     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001879     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001880     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001881     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001882     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001883     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001884     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001885     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001886     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001887     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001888     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001889     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001890     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001891     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001892     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001893     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001894     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001895     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001896     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001897     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001898     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001899     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001900     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001901     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001902     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001903     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001904     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001905     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001906     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001907     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001908     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001909     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001910     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001911     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001912     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001913     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001914     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001915     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001916     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001917     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001918     0.000000007532      3.49      6.51      3.25
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE13
   SRCPARAM L0001919     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001920     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001921     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001922     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001923     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001924     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001925     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001926     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001927     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001928     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001929     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001930     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001931     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001932     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001933     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001934     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001935     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001936     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001937     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001938     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001939     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001940     0.00000000469      3.49      6.51      3.25
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   SRCPARAM L0001941     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001942     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001943     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001944     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001945     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001946     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001947     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001948     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001949     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001950     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001951     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001952     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001953     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001954     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001955     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001956     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001957     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001958     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001959     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001960     0.00000000469      3.49      6.51      3.25
** ------------------------------------------------------------------
   SRCPARAM STCK1        0.0044099258     3.550   728.550     54.78      0.13
   SRCPARAM VOL1         0.0008999848     5.000    12.570     1.400
   SRCPARAM VOL2         0.0008999848     5.000    12.570     1.400
   SRCPARAM VOL3         0.0008999848     5.000    12.570     1.400
   SRCPARAM VOL4         0.0008999848     5.000    12.570     1.400
   SRCPARAM VOL5         0.0008999848     5.000    12.570     1.400
   SRCPARAM VOL6         0.0008999848     5.000    12.570     1.400
   SRCPARAM VOL7         0.0008999848     5.000    12.570     1.400
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Seven Days (HRDOW7)"
** Variable Emission Scenario: "EGEN"
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Equipment"
** 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 1.0 1.0 1.0 1.0
   EMISFACT VOL1         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   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 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
** WeekDays:
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL2         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL2         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL2         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL3         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL3         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL3         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL4         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL4         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL4         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL5         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL5         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL5         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL6         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL6         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL6         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL7         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL7         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL7         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "14057 Ops.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE RDLD_V9_ADJU\RDLD_v9.SFC
   PROFFILE RDLD_V9_ADJU\RDLD_v9.PFL
   SURFDATA 3171 2012
   UAIRDATA 3190 2012
   SITEDATA 99999 2012
   PROFBASE 481.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
** Auto-Generated Plotfiles
   PLOTFILE PERIOD ALL "14057 OPS.AD\PE00GALL.PLT" 31
   SUMMFILE "14057 Ops.sum"
OU FINISHED
```

*** Message Summary For AERMOD Model Setup ***

--------- Summary of Total Messages --------

A Total of 0 Fatal Error Message(s)
A Total of 3 Warning Message(s)
A Total of 0 Informational Message(s)

******** FATAL ERROR MESSAGES ********
*** NONE ***

******** WARNING MESSAGES ********
SO W320 2265 PPARM: Input Parameter May Be Out-of-Range for Parameter VS
ME W186 2430 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 2430 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

****
*** SETUP Finishes Successfully ***
****

FF *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and Sterling\14057 Op *** 11/07/23
*** AERMET - VERSION 16216 ***
*** *** 10:30:11

PAGE 1
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY ***
- - - -

```
                and:      0 RLINE/RLINEXT source(s)
                and:      0 OPENPIT source(s)
                and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  16216

 **Output Options Selected:
         Model Outputs Tables of PERIOD Averages by Receptor
         Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
         Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing Hours
                                                                 b for Both Calm and Missing
                                                                 Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =   481.00 ;  Decay Coef. =
 0.000     ;  Rot. Angle =     0.0
                Emission Units = GRAMS/SEC                                ;  Emission Rate
                Unit Factor =   0.10000E+07
                Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      5.2 MB of RAM.

 **Input Runstream File:
 aermod.inp
 **Output Print File:
 aermod.out

 **Detailed Error/Message File:   14057
 Ops.err
 **File for Summary of Results:   14057
 Ops.sum
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        10:30:11

                     PAGE   2
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                *** POINT SOURCE DATA ***

              NUMBER EMISSION RATE                     BASE     STACK   STACK    STACK
              STACK    BLDG   URBAN  CAP/  EMIS RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.    HEIGHT  TEMP.   EXIT VEL.
   DIAMETER  EXISTS SOURCE HOR   SCALAR
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (DEG.K)  (M/SEC)
     (METERS)                     VARY BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - -

 STCK1            0   0.44099E-02  477591.3 3774375.0   337.0     3.55   728.55    54.78
 0.13    NO      YES   NO  HRDOW7
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        10:30:11

                     PAGE   3
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN PART. SCALAR VARY CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	SOURCE BY
L0000981	0	0.29910E-06	477638.4	3774260.7	337.0	3.49	4.00	3.25	YES
L0000982	0	0.29910E-06	477646.9	3774260.9	337.0	3.49	4.00	3.25	YES
L0000983	0	0.29910E-06	477655.5	3774261.1	337.0	3.49	4.00	3.25	YES
L0000984	0	0.29910E-06	477664.1	3774261.3	337.0	3.49	4.00	3.25	YES
L0000985	0	0.29910E-06	477672.7	3774261.4	337.0	3.49	4.00	3.25	YES
L0000986	0	0.29910E-06	477681.3	3774261.6	337.0	3.49	4.00	3.25	YES
L0000987	0	0.29910E-06	477689.9	3774261.8	337.0	3.49	4.00	3.25	YES
L0000988	0	0.29910E-06	477698.5	3774262.0	337.0	3.49	4.00	3.25	YES
L0000989	0	0.29910E-06	477707.1	3774262.2	337.0	3.49	4.00	3.25	YES
L0000990	0	0.29910E-06	477715.7	3774262.4	337.0	3.49	4.00	3.25	YES
L0000991	0	0.29910E-06	477724.2	3774262.5	337.0	3.49	4.00	3.25	YES
L0000992	0	0.29910E-06	477732.8	3774262.7	337.1	3.49	4.00	3.25	YES
L0000993	0	0.29910E-06	477741.4	3774262.9	337.4	3.49	4.00	3.25	YES
L0000994	0	0.29910E-06	477750.0	3774263.1	337.7	3.49	4.00	3.25	YES
L0000995	0	0.29910E-06	477758.6	3774263.3	338.0	3.49	4.00	3.25	YES
L0000996	0	0.29910E-06	477767.2	3774263.5	338.0	3.49	4.00	3.25	YES
L0000997	0	0.29910E-06	477775.8	3774263.6	338.0	3.49	4.00	3.25	YES
L0000998	0	0.29910E-06	477784.4	3774263.8	338.0	3.49	4.00	3.25	YES
L0000999	0	0.29910E-06	477792.9	3774264.0	338.0	3.49	4.00	3.25	YES
L0001000	0	0.29910E-06	477801.5	3774264.2	338.0	3.49	4.00	3.25	YES
L0001001	0	0.29910E-06	477810.1	3774264.4	338.0	3.49	4.00	3.25	YES
L0001002	0	0.29910E-06	477818.7	3774264.6	338.0	3.49	4.00	3.25	YES
L0001003	0	0.29910E-06	477827.3	3774264.7	338.0	3.49	4.00	3.25	YES
L0001004	0	0.29910E-06	477835.9	3774264.9	338.0	3.49	4.00	3.25	YES
L0001005	0	0.29910E-06	477844.5	3774265.1	338.0	3.49	4.00	3.25	YES
L0001006	0	0.29910E-06	477853.1	3774265.3	338.1	3.49	4.00	3.25	YES
L0001007	0	0.29910E-06	477861.6	3774265.5	338.4	3.49	4.00	3.25	

YES
L0001008 0 0.29910E-06 477870.2 3774265.7 338.7 3.49 4.00 3.25
YES
L0001009 0 0.29910E-06 477878.8 3774265.8 339.0 3.49 4.00 3.25
YES
L0001010 0 0.29910E-06 477887.4 3774266.0 339.0 3.49 4.00 3.25
YES
L0001011 0 0.29910E-06 477896.0 3774266.2 339.0 3.49 4.00 3.25
YES
L0001012 0 0.29910E-06 477904.6 3774266.4 339.0 3.49 4.00 3.25
YES
L0001013 0 0.29910E-06 477913.2 3774266.6 339.0 3.49 4.00 3.25
YES
L0001014 0 0.29910E-06 477921.8 3774266.8 339.0 3.49 4.00 3.25
YES
L0001015 0 0.29910E-06 477930.4 3774266.9 339.0 3.49 4.00 3.25
YES
L0001016 0 0.29910E-06 477938.9 3774267.1 339.0 3.49 4.00 3.25
YES
L0001017 0 0.29910E-06 477947.5 3774267.3 339.0 3.49 4.00 3.25
YES
L0001018 0 0.29910E-06 477956.1 3774267.5 339.0 3.49 4.00 3.25
YES
L0001019 0 0.29910E-06 477964.7 3774267.7 339.0 3.49 4.00 3.25
YES
L0001020 0 0.29910E-06 477973.3 3774267.9 339.1 3.49 4.00 3.25
YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART. SCALAR VARY BY	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ
L0001021	0 YES	0.29910E-06	477981.9	3774268.1	339.4	3.49	4.00	3.25
L0001022	0 YES	0.29910E-06	477990.5	3774268.2	339.7	3.49	4.00	3.25
L0001023	0 YES	0.29910E-06	477999.1	3774268.4	340.0	3.49	4.00	3.25
L0001024	0 YES	0.29910E-06	478007.6	3774268.6	340.0	3.49	4.00	3.25
L0001025	0 YES	0.29910E-06	477639.2	3774221.9	337.0	3.49	4.00	3.25
L0001026	0 YES	0.29910E-06	477647.8	3774222.1	337.0	3.49	4.00	3.25
L0001027	0 YES	0.29910E-06	477656.4	3774222.3	337.0	3.49	4.00	3.25
L0001028	0 YES	0.29910E-06	477664.9	3774222.5	337.0	3.49	4.00	3.25
L0001029	0 YES	0.29910E-06	477673.5	3774222.8	337.0	3.49	4.00	3.25
L0001030	0	0.29910E-06	477682.1	3774223.0	337.0	3.49	4.00	3.25

YES
L0001031 0 0.29910E-06 477690.7 3774223.2 337.0 3.49 4.00 3.25
YES
L0001032 0 0.29910E-06 477699.3 3774223.4 337.0 3.49 4.00 3.25
YES
L0001033 0 0.29910E-06 477707.9 3774223.6 337.0 3.49 4.00 3.25
YES
L0001034 0 0.29910E-06 477716.5 3774223.9 337.0 3.49 4.00 3.25
YES
L0001035 0 0.29910E-06 477725.1 3774224.1 337.0 3.49 4.00 3.25
YES
L0001036 0 0.29910E-06 477733.6 3774224.3 337.1 3.49 4.00 3.25
YES
L0001037 0 0.29910E-06 477742.2 3774224.5 337.4 3.49 4.00 3.25
YES
L0001038 0 0.29910E-06 477750.8 3774224.8 337.7 3.49 4.00 3.25
YES
L0001039 0 0.29910E-06 477759.4 3774225.0 337.9 3.49 4.00 3.25
YES
L0001040 0 0.29910E-06 477768.0 3774225.2 338.0 3.49 4.00 3.25
YES
L0001041 0 0.29910E-06 477776.6 3774225.4 338.0 3.49 4.00 3.25
YES
L0001042 0 0.29910E-06 477785.2 3774225.6 338.0 3.49 4.00 3.25
YES
L0001043 0 0.29910E-06 477793.8 3774225.9 338.0 3.49 4.00 3.25
YES
L0001044 0 0.29910E-06 477802.3 3774226.1 338.0 3.49 4.00 3.25
YES
L0001045 0 0.29910E-06 477810.9 3774226.3 338.0 3.49 4.00 3.25
YES
L0001046 0 0.29910E-06 477819.5 3774226.5 338.0 3.49 4.00 3.25
YES
L0001047 0 0.29910E-06 477828.1 3774226.8 338.0 3.49 4.00 3.25
YES
L0001048 0 0.29910E-06 477836.7 3774227.0 338.0 3.49 4.00 3.25
YES
L0001049 0 0.29910E-06 477845.3 3774227.2 338.0 3.49 4.00 3.25
YES
L0001050 0 0.29910E-06 477853.9 3774227.4 338.0 3.49 4.00 3.25
YES
L0001051 0 0.29910E-06 477862.5 3774227.6 338.0 3.49 4.00 3.25
YES
L0001052 0 0.29910E-06 477871.0 3774227.9 338.0 3.49 4.00 3.25
YES
L0001053 0 0.29910E-06 477879.6 3774228.1 338.1 3.49 4.00 3.25
YES
L0001054 0 0.29910E-06 477888.2 3774228.3 338.3 3.49 4.00 3.25
YES
L0001055 0 0.29910E-06 477896.8 3774228.5 338.6 3.49 4.00 3.25
YES
L0001056 0 0.29910E-06 477905.4 3774228.7 338.9 3.49 4.00 3.25
YES
L0001057 0 0.29910E-06 477914.0 3774229.0 339.0 3.49 4.00 3.25
YES
L0001058 0 0.29910E-06 477922.6 3774229.2 339.0 3.49 4.00 3.25
YES
L0001059 0 0.29910E-06 477931.1 3774229.4 339.0 3.49 4.00 3.25
YES
L0001060 0 0.29910E-06 477939.7 3774229.6 339.0 3.49 4.00 3.25
YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN PART. SCALAR VARY CATS. BY	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ
L0001061	0	0.29910E-06	477948.3	3774229.9	339.0	3.49	4.00	3.25
YES								
L0001062	0	0.29910E-06	477956.9	3774230.1	339.0	3.49	4.00	3.25
YES								
L0001063	0	0.29910E-06	477965.5	3774230.3	339.0	3.49	4.00	3.25
YES								
L0001064	0	0.29910E-06	477974.1	3774230.5	339.1	3.49	4.00	3.25
YES								
L0001065	0	0.29910E-06	477982.7	3774230.7	339.4	3.49	4.00	3.25
YES								
L0001066	0	0.29910E-06	477991.3	3774231.0	339.7	3.49	4.00	3.25
YES								
L0001067	0	0.29910E-06	477999.8	3774231.2	340.0	3.49	4.00	3.25
YES								
L0001068	0	0.29910E-06	478008.4	3774231.4	340.0	3.49	4.00	3.25
YES								
L0001069	0	0.13430E-06	477607.9	3774213.7	336.5	3.49	4.00	3.25
YES								
L0001070	0	0.13430E-06	477607.3	3774222.2	336.8	3.49	4.00	3.25
YES								
L0001071	0	0.13430E-06	477606.7	3774230.8	336.9	3.49	4.00	3.25
YES								
L0001072	0	0.13430E-06	477611.3	3774237.0	337.0	3.49	4.00	3.25
YES								
L0001073	0	0.13430E-06	477619.2	3774239.7	337.0	3.49	4.00	3.25
YES								
L0001074	0	0.13430E-06	477627.7	3774240.6	337.0	3.49	4.00	3.25
YES								
L0001075	0	0.13430E-06	477636.3	3774241.4	337.0	3.49	4.00	3.25
YES								
L0001076	0	0.13430E-06	477644.9	3774241.6	337.0	3.49	4.00	3.25
YES								
L0001077	0	0.13430E-06	477653.5	3774241.7	337.0	3.49	4.00	3.25
YES								
L0001078	0	0.13430E-06	477662.0	3774241.9	337.0	3.49	4.00	3.25
YES								
L0001079	0	0.13430E-06	477670.6	3774242.1	337.0	3.49	4.00	3.25
YES								
L0001080	0	0.13430E-06	477679.2	3774242.3	337.0	3.49	4.00	3.25
YES								
L0001081	0	0.13430E-06	477687.8	3774242.5	337.0	3.49	4.00	3.25
YES								
L0001082	0	0.13430E-06	477696.4	3774242.7	337.0	3.49	4.00	3.25
YES								
L0001083	0	0.13430E-06	477705.0	3774242.9	337.0	3.49	4.00	3.25
YES								
L0001084	0	0.13430E-06	477713.6	3774243.1	337.0	3.49	4.00	3.25
YES								
L0001085	0	0.13430E-06	477722.2	3774243.3	337.0	3.49	4.00	3.25
YES								
L0001086	0	0.13430E-06	477730.7	3774243.5	337.0	3.49	4.00	3.25

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ
L0001087	0	0.13430E-06	477739.3	3774243.6	337.3	3.49	4.00	3.25
YES								
L0001088	0	0.13430E-06	477747.9	3774243.8	337.6	3.49	4.00	3.25
YES								
L0001089	0	0.13430E-06	477756.5	3774244.0	337.9	3.49	4.00	3.25
YES								
L0001090	0	0.13430E-06	477765.1	3774244.2	338.0	3.49	4.00	3.25
YES								
L0001091	0	0.13430E-06	477773.7	3774244.4	338.0	3.49	4.00	3.25
YES								
L0001092	0	0.13430E-06	477782.3	3774244.6	338.0	3.49	4.00	3.25
YES								
L0001093	0	0.13430E-06	477790.9	3774244.8	338.0	3.49	4.00	3.25
YES								
L0001094	0	0.13430E-06	477799.4	3774245.0	338.0	3.49	4.00	3.25
YES								
L0001095	0	0.13430E-06	477808.0	3774245.2	338.0	3.49	4.00	3.25
YES								
L0001096	0	0.13430E-06	477816.6	3774245.4	338.0	3.49	4.00	3.25
YES								
L0001097	0	0.13430E-06	477825.2	3774245.5	338.0	3.49	4.00	3.25
YES								
L0001098	0	0.13430E-06	477833.8	3774245.7	338.0	3.49	4.00	3.25
YES								
L0001099	0	0.13430E-06	477842.4	3774245.9	338.0	3.49	4.00	3.25
YES								
L0001100	0	0.13430E-06	477851.0	3774246.1	338.0	3.49	4.00	3.25
YES								
L0001101	0	0.13430E-06	477859.6	3774246.3	338.2	3.49	4.00	3.25
YES								
L0001102	0	0.13430E-06	477868.1	3774246.5	338.4	3.49	4.00	3.25
YES								
L0001103	0	0.13430E-06	477876.7	3774246.7	338.6	3.49	4.00	3.25
YES								
L0001104	0	0.13430E-06	477885.3	3774246.9	338.7	3.49	4.00	3.25
YES								
L0001105	0	0.13430E-06	477893.9	3774247.1	338.8	3.49	4.00	3.25
YES								
L0001106	0	0.13430E-06	477902.5	3774247.3	338.9	3.49	4.00	3.25
YES								
L0001107	0	0.13430E-06	477911.1	3774247.5	339.0	3.49	4.00	3.25
YES								
L0001108	0	0.13430E-06	477919.7	3774247.6	339.0	3.49	4.00	3.25
YES								
L0001109	0	0.13430E-06	477928.3	3774247.8	339.0	3.49	4.00	3.25

```
 YES
 L0001110         0   0.13430E-06  477936.8 3774248.0   339.0     3.49     4.00     3.25
 YES
 L0001111         0   0.13430E-06  477945.4 3774248.2   339.0     3.49     4.00     3.25
 YES
 L0001112         0   0.13430E-06  477954.0 3774248.4   339.0     3.49     4.00     3.25
 YES
 L0001113         0   0.13430E-06  477962.6 3774248.6   339.0     3.49     4.00     3.25
 YES
 L0001114         0   0.13430E-06  477971.2 3774248.8   339.1     3.49     4.00     3.25
 YES
 L0001115         0   0.13430E-06  477979.8 3774249.0   339.3     3.49     4.00     3.25
 YES
 L0001116         0   0.13430E-06  477988.4 3774249.2   339.6     3.49     4.00     3.25
 YES
 L0001117         0   0.13430E-06  477997.0 3774249.4   339.9     3.49     4.00     3.25
 YES
 L0001118         0   0.13430E-06  478005.6 3774249.5   340.0     3.49     4.00     3.25
 YES
 L0001119         0   0.13430E-06  478014.1 3774249.7   340.0     3.49     4.00     3.25
 YES
 L0001120         0   0.13430E-06  478022.7 3774249.9   340.0     3.49     4.00     3.25
 YES
 L0001121         0   0.13430E-06  478031.3 3774250.1   340.0     3.49     4.00     3.25
 YES
 L0001122         0   0.13430E-06  478039.9 3774250.3   340.0     3.49     4.00     3.25
 YES
 L0001123         0   0.13430E-06  478048.5 3774250.5   340.0     3.49     4.00     3.25
 YES
 L0001124         0   0.13430E-06  478057.1 3774250.7   340.0     3.49     4.00     3.25
 YES
 L0001125         0   0.13430E-06  478065.7 3774250.6   340.0     3.49     4.00     3.25
 YES
 L0001126         0   0.13430E-06  478074.3 3774250.5   340.0     3.49     4.00     3.25
 YES
 L0001127         0   0.13430E-06  478082.8 3774250.5   340.0     3.49     4.00     3.25
 YES
 L0001128         0   0.13430E-06  478091.2 3774249.1   340.0     3.49     4.00     3.25
 YES
 L0001129         0   0.13430E-06  478098.9 3774245.5   340.3     3.49     4.00     3.25
 YES
 L0001130         0   0.13430E-06  478102.6 3774238.6   340.4     3.49     4.00     3.25
 YES
 L0001131         0   0.13430E-06  478104.4 3774230.2   340.5     3.49     4.00     3.25
 YES
 L0001132         0   0.13430E-06  478104.4 3774221.6   340.5     3.49     4.00     3.25
 YES
 L0001133         0   0.69560E-08  478057.5 3774260.8   340.0     3.49     4.00     3.25
 YES
 L0001134         0   0.69560E-08  478057.5 3774269.4   340.0     3.49     4.00     3.25
 YES
 L0001135         0   0.69560E-08  478057.4 3774278.0   340.0     3.49     4.00     3.25
 YES
 L0001136         0   0.69560E-08  478057.4 3774286.5   340.0     3.49     4.00     3.25
 YES
 L0001137         0   0.69560E-08  478057.4 3774295.1   340.0     3.49     4.00     3.25
 YES
 L0001138         0   0.69560E-08  478057.3 3774303.7   340.0     3.49     4.00     3.25
 YES
 L0001139         0   0.69560E-08  478057.3 3774312.3   340.0     3.49     4.00     3.25
 YES
 L0001140         0   0.69560E-08  478057.3 3774320.9   340.0     3.49     4.00     3.25
 YES
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE SCALAR VARY BY	EMISSION RATE PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ
L0001141	0		0.69560E-08	478057.2	3774329.5	340.0	3.49	4.00	3.25
YES									
L0001142	0		0.69560E-08	478057.2	3774338.1	340.0	3.49	4.00	3.25
YES									
L0001143	0		0.69560E-08	478057.2	3774346.7	340.0	3.49	4.00	3.25
YES									
L0001144	0		0.69560E-08	478057.1	3774355.3	340.0	3.49	4.00	3.25
YES									
L0001145	0		0.69560E-08	478057.1	3774363.9	340.0	3.49	4.00	3.25
YES									
L0001146	0		0.69560E-08	478057.1	3774372.4	340.0	3.49	4.00	3.25
YES									
L0001147	0		0.69560E-08	478057.0	3774381.0	340.0	3.49	4.00	3.25
YES									
L0001148	0		0.69560E-08	478057.0	3774389.6	340.0	3.49	4.00	3.25
YES									
L0001149	0		0.86560E-08	477604.5	3774194.7	336.0	3.49	4.00	3.25
YES									
L0001150	0		0.86560E-08	477595.9	3774194.7	336.0	3.49	4.00	3.25
YES									
L0001151	0		0.86560E-08	477587.3	3774194.6	336.0	3.49	4.00	3.25
YES									
L0001152	0		0.86560E-08	477578.7	3774194.6	336.0	3.49	4.00	3.25
YES									
L0001153	0		0.86560E-08	477570.1	3774194.6	336.0	3.49	4.00	3.25
YES									
L0001154	0		0.86560E-08	477561.6	3774194.6	336.0	3.49	4.00	3.25
YES									
L0001155	0		0.86560E-08	477553.0	3774194.6	336.0	3.49	4.00	3.25
YES									
L0001156	0		0.86560E-08	477544.4	3774194.5	336.0	3.49	4.00	3.25
YES									
L0001157	0		0.86560E-08	477535.8	3774194.5	336.0	3.49	4.00	3.25
YES									
L0001158	0		0.86560E-08	477527.2	3774194.5	336.0	3.49	4.00	3.25
YES									
L0001159	0		0.86560E-08	477518.6	3774194.5	335.9	3.49	4.00	3.25
YES									
L0001160	0		0.86560E-08	477510.0	3774194.5	335.9	3.49	4.00	3.25
YES									
L0001161	0		0.86560E-08	477501.4	3774194.5	335.9	3.49	4.00	3.25
YES									
L0001162	0		0.86560E-08	477492.8	3774194.4	335.9	3.49	4.00	3.25
YES									
L0001163	0		0.86560E-08	477484.2	3774194.4	335.9	3.49	4.00	3.25
YES									
L0001164	0		0.86560E-08	477475.7	3774194.4	336.0	3.49	4.00	3.25
YES									
L0001165	0		0.86560E-08	477467.1	3774194.4	336.0	3.49	4.00	3.25

YES
L0001166 0 0.86560E-08 477458.5 3774194.4 336.0 3.49 4.00 3.25
YES
L0001167 0 0.86560E-08 477449.9 3774194.3 336.0 3.49 4.00 3.25
YES
L0001168 0 0.86560E-08 477441.3 3774194.3 336.0 3.49 4.00 3.25
YES
L0001169 0 0.86560E-08 477432.7 3774194.3 336.0 3.49 4.00 3.25
YES
L0001170 0 0.86560E-08 477424.1 3774194.3 335.8 3.49 4.00 3.25
YES
L0001171 0 0.86560E-08 477415.5 3774194.3 335.5 3.49 4.00 3.25
YES
L0001172 0 0.86560E-08 477406.9 3774194.2 335.2 3.49 4.00 3.25
YES
L0001173 0 0.86560E-08 477398.3 3774194.2 335.0 3.49 4.00 3.25
YES
L0001174 0 0.86560E-08 477389.8 3774194.2 335.0 3.49 4.00 3.25
YES
L0001175 0 0.86560E-08 477381.2 3774194.2 335.0 3.49 4.00 3.25
YES
L0001176 0 0.86560E-08 477372.6 3774194.2 335.0 3.49 4.00 3.25
YES
L0001177 0 0.86560E-08 477364.0 3774194.1 335.0 3.49 4.00 3.25
YES
L0001178 0 0.86560E-08 477355.4 3774194.1 335.0 3.49 4.00 3.25
YES
L0001179 0 0.86560E-08 477346.8 3774194.1 335.0 3.49 4.00 3.25
YES
L0001180 0 0.86560E-08 477338.2 3774194.1 334.9 3.49 4.00 3.25
YES

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)
L0001181	0	0.86560E-08	477329.6	3774194.1	334.7	3.49	4.00	3.25
YES								
L0001182	0	0.86560E-08	477321.0	3774194.1	334.4	3.49	4.00	3.25
YES								
L0001183	0	0.86560E-08	477312.4	3774194.0	334.1	3.49	4.00	3.25
YES								
L0001184	0	0.86560E-08	477303.9	3774194.0	334.0	3.49	4.00	3.25
YES								
L0001185	0	0.86560E-08	477295.3	3774194.0	334.0	3.49	4.00	3.25
YES								
L0001186	0	0.86560E-08	477286.7	3774194.0	334.0	3.49	4.00	3.25
YES								
L0001187	0	0.86560E-08	477278.1	3774194.0	334.0	3.49	4.00	3.25
YES								
L0001188	0	0.86560E-08	477269.5	3774193.9	334.0	3.49	4.00	3.25

YES
L0001189 0 0.86560E-08 477260.9 3774193.9 334.0 3.49 4.00 3.25
YES
L0001190 0 0.86560E-08 477252.3 3774193.9 334.0 3.49 4.00 3.25
YES
L0001191 0 0.86560E-08 477243.7 3774193.9 334.0 3.49 4.00 3.25
YES
L0001192 0 0.86560E-08 477235.1 3774193.9 334.0 3.49 4.00 3.25
YES
L0001193 0 0.86560E-08 477226.5 3774193.8 334.0 3.49 4.00 3.25
YES
L0001194 0 0.86560E-08 477218.0 3774193.8 334.0 3.49 4.00 3.25
YES
L0001195 0 0.86560E-08 477209.4 3774193.8 334.0 3.49 4.00 3.25
YES
L0001196 0 0.86560E-08 477200.8 3774193.8 334.0 3.49 4.00 3.25
YES
L0001197 0 0.86560E-08 477192.2 3774193.8 334.0 3.49 4.00 3.25
YES
L0001198 0 0.86560E-08 477183.6 3774193.7 334.0 3.49 4.00 3.25
YES
L0001199 0 0.86560E-08 477175.0 3774193.7 334.0 3.49 4.00 3.25
YES
L0001200 0 0.86560E-08 477166.4 3774193.7 333.9 3.49 4.00 3.25
YES
L0001201 0 0.86560E-08 477157.8 3774193.7 333.9 3.49 4.00 3.25
YES
L0001202 0 0.86560E-08 477149.2 3774193.7 333.6 3.49 4.00 3.25
YES
L0001203 0 0.86560E-08 477140.6 3774193.6 333.3 3.49 4.00 3.25
YES
L0001204 0 0.86560E-08 477132.1 3774193.6 333.0 3.49 4.00 3.25
YES
L0001205 0 0.86560E-08 477123.5 3774193.6 332.7 3.49 4.00 3.25
YES
L0001206 0 0.86560E-08 477114.9 3774193.6 332.5 3.49 4.00 3.25
YES
L0001207 0 0.86560E-08 477106.3 3774193.6 332.2 3.49 4.00 3.25
YES
L0001208 0 0.86560E-08 477097.7 3774193.6 332.0 3.49 4.00 3.25
YES
L0001209 0 0.86560E-08 477089.1 3774193.5 332.0 3.49 4.00 3.25
YES
L0001210 0 0.86560E-08 477080.5 3774193.4 332.0 3.49 4.00 3.25
YES
L0001211 0 0.86560E-08 477071.9 3774193.4 332.0 3.49 4.00 3.25
YES
L0001212 0 0.86560E-08 477063.3 3774193.3 332.0 3.49 4.00 3.25
YES
L0001213 0 0.86560E-08 477054.7 3774193.2 332.0 3.49 4.00 3.25
YES
L0001214 0 0.86560E-08 477046.2 3774193.2 332.0 3.49 4.00 3.25
YES
L0001215 0 0.86560E-08 477037.6 3774193.1 332.0 3.49 4.00 3.25
YES
L0001216 0 0.86560E-08 477029.0 3774193.0 332.0 3.49 4.00 3.25
YES
L0001217 0 0.86560E-08 477020.4 3774193.0 332.0 3.49 4.00 3.25
YES
L0001218 0 0.86560E-08 477011.8 3774192.9 332.0 3.49 4.00 3.25
YES
L0001219 0 0.86560E-08 477003.2 3774192.8 332.0 3.49 4.00 3.25
YES
L0001220 0 0.86560E-08 476994.6 3774192.7 332.0 3.49 4.00 3.25
YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	
L0001221	0	0.86560E-08	476986.0	3774192.7	332.0	3.49	4.00	3.25	YES
L0001222	0	0.86560E-08	476977.4	3774192.6	332.0	3.49	4.00	3.25	YES
L0001223	0	0.86560E-08	476968.8	3774192.5	332.0	3.49	4.00	3.25	YES
L0001224	0	0.86560E-08	476960.3	3774192.5	332.0	3.49	4.00	3.25	YES
L0001225	0	0.86560E-08	476951.7	3774192.4	332.0	3.49	4.00	3.25	YES
L0001226	0	0.86560E-08	476943.1	3774192.3	332.0	3.49	4.00	3.25	YES
L0001227	0	0.86560E-08	476934.5	3774192.3	332.0	3.49	4.00	3.25	YES
L0001228	0	0.86560E-08	476925.9	3774192.2	332.0	3.49	4.00	3.25	YES
L0001229	0	0.86560E-08	476917.3	3774192.1	332.0	3.49	4.00	3.25	YES
L0001230	0	0.86560E-08	476908.7	3774192.1	331.9	3.49	4.00	3.25	YES
L0001231	0	0.86560E-08	476900.1	3774192.0	331.9	3.49	4.00	3.25	YES
L0001232	0	0.86560E-08	476891.5	3774191.9	331.9	3.49	4.00	3.25	YES
L0001233	0	0.86560E-08	476883.0	3774191.8	331.9	3.49	4.00	3.25	YES
L0001234	0	0.86560E-08	476874.4	3774191.8	331.9	3.49	4.00	3.25	YES
L0001235	0	0.86560E-08	476865.8	3774191.8	331.9	3.49	4.00	3.25	YES
L0001236	0	0.86560E-08	476857.2	3774191.9	331.0	3.49	4.00	3.25	YES
L0001237	0	0.86560E-08	476848.6	3774192.0	331.0	3.49	4.00	3.25	YES
L0001238	0	0.86560E-08	476840.0	3774192.1	331.0	3.49	4.00	3.25	YES
L0001239	0	0.86560E-08	476831.4	3774192.2	331.0	3.49	4.00	3.25	YES
L0001240	0	0.86560E-08	476822.8	3774192.3	331.0	3.49	4.00	3.25	YES
L0001241	0	0.86560E-08	476814.2	3774192.4	331.0	3.49	4.00	3.25	YES
L0001242	0	0.86560E-08	476805.6	3774192.5	331.0	3.49	4.00	3.25	YES
L0001243	0	0.86560E-08	476797.1	3774192.6	331.0	3.49	4.00	3.25	YES
L0001244	0	0.86560E-08	476788.5	3774192.7	331.0	3.49	4.00	3.25	

YES
L0001245 0 0.86560E-08 476779.9 3774192.8 331.0 3.49 4.00 3.25
YES
L0001246 0 0.86560E-08 476771.3 3774192.9 331.0 3.49 4.00 3.25
YES
L0001247 0 0.86560E-08 476762.7 3774193.0 331.0 3.49 4.00 3.25
YES
L0001248 0 0.86560E-08 476754.1 3774193.1 331.0 3.49 4.00 3.25
YES
L0001249 0 0.86560E-08 476745.5 3774193.2 331.0 3.49 4.00 3.25
YES
L0001250 0 0.86560E-08 476736.9 3774193.3 331.0 3.49 4.00 3.25
YES
L0001251 0 0.86560E-08 476728.3 3774193.4 331.0 3.49 4.00 3.25
YES
L0001252 0 0.86560E-08 476719.8 3774193.5 330.9 3.49 4.00 3.25
YES
L0001253 0 0.86560E-08 476711.2 3774193.6 330.9 3.49 4.00 3.25
YES
L0001254 0 0.86560E-08 476702.6 3774193.7 330.7 3.49 4.00 3.25
YES
L0001255 0 0.86560E-08 476694.0 3774193.8 330.4 3.49 4.00 3.25
YES
L0001256 0 0.86560E-08 476685.4 3774193.9 330.2 3.49 4.00 3.25
YES
L0001257 0 0.86560E-08 476676.8 3774194.0 330.0 3.49 4.00 3.25
YES
L0001258 0 0.86560E-08 476668.2 3774194.0 330.0 3.49 4.00 3.25
YES
L0001259 0 0.86560E-08 476659.6 3774194.1 330.0 3.49 4.00 3.25
YES
L0001260 0 0.86560E-08 476651.0 3774194.2 330.0 3.49 4.00 3.25
YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART. SCALAR VARY BY	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ
L0001261	0 YES	0.86560E-08	476642.4	3774194.3	330.0	3.49	4.00	3.25
L0001262	0 YES	0.86560E-08	476633.9	3774194.4	330.0	3.49	4.00	3.25
L0001263	0 YES	0.86560E-08	476625.3	3774194.5	330.0	3.49	4.00	3.25
L0001264	0 YES	0.86560E-08	476616.7	3774194.6	330.0	3.49	4.00	3.25
L0001265	0 YES	0.86560E-08	476608.1	3774194.7	330.0	3.49	4.00	3.25
L0001266	0 YES	0.86560E-08	476599.5	3774194.8	330.0	3.49	4.00	3.25
L0001267	0	0.86560E-08	476590.9	3774194.9	330.0	3.49	4.00	3.25

YES
L0001268 0 0.86560E-08 476582.3 3774195.0 329.7 3.49 4.00 3.25
YES
L0001269 0 0.86560E-08 476573.7 3774195.1 329.4 3.49 4.00 3.25
YES
L0001270 0 0.86560E-08 476565.1 3774195.2 329.2 3.49 4.00 3.25
YES
L0001271 0 0.86560E-08 476556.6 3774195.3 329.0 3.49 4.00 3.25
YES
L0001272 0 0.86560E-08 476548.0 3774195.4 329.0 3.49 4.00 3.25
YES
L0001273 0 0.86560E-08 476539.4 3774195.5 329.0 3.49 4.00 3.25
YES
L0001274 0 0.86560E-08 476530.8 3774195.6 329.0 3.49 4.00 3.25
YES
L0001275 0 0.86560E-08 476522.2 3774195.7 329.0 3.49 4.00 3.25
YES
L0001276 0 0.86560E-08 476513.6 3774195.8 329.0 3.49 4.00 3.25
YES
L0001277 0 0.86560E-08 476505.0 3774195.8 329.0 3.49 4.00 3.25
YES
L0001278 0 0.86560E-08 476496.4 3774195.9 328.9 3.49 4.00 3.25
YES
L0001279 0 0.86560E-08 476487.8 3774195.9 328.6 3.49 4.00 3.25
YES
L0001280 0 0.86560E-08 476479.2 3774195.9 328.3 3.49 4.00 3.25
YES
L0001281 0 0.86560E-08 476470.7 3774196.0 328.0 3.49 4.00 3.25
YES
L0001282 0 0.86560E-08 476462.1 3774196.0 328.0 3.49 4.00 3.25
YES
L0001283 0 0.86560E-08 476453.5 3774196.0 328.0 3.49 4.00 3.25
YES
L0001284 0 0.86560E-08 476444.9 3774196.0 328.0 3.49 4.00 3.25
YES
L0001285 0 0.86560E-08 476436.3 3774196.1 328.0 3.49 4.00 3.25
YES
L0001286 0 0.86560E-08 476427.7 3774196.1 328.0 3.49 4.00 3.25
YES
L0001287 0 0.86560E-08 476419.1 3774196.1 328.0 3.49 4.00 3.25
YES
L0001288 0 0.86560E-08 476410.5 3774196.2 328.0 3.49 4.00 3.25
YES
L0001289 0 0.86560E-08 476401.9 3774196.2 328.0 3.49 4.00 3.25
YES
L0001290 0 0.86560E-08 476393.3 3774196.2 328.0 3.49 4.00 3.25
YES
L0001291 0 0.86560E-08 476384.8 3774196.3 328.0 3.49 4.00 3.25
YES
L0001292 0 0.86560E-08 476376.2 3774196.3 328.0 3.49 4.00 3.25
YES
L0001293 0 0.86560E-08 476367.6 3774196.3 328.0 3.49 4.00 3.25
YES
L0001294 0 0.86560E-08 476359.0 3774196.3 328.0 3.49 4.00 3.25
YES
L0001295 0 0.86560E-08 476350.4 3774196.4 328.0 3.49 4.00 3.25
YES
L0001296 0 0.86560E-08 476341.8 3774196.4 327.7 3.49 4.00 3.25
YES
L0001297 0 0.86560E-08 476333.2 3774196.4 327.4 3.49 4.00 3.25
YES
L0001298 0 0.86560E-08 476324.6 3774196.5 327.2 3.49 4.00 3.25
YES
L0001299 0 0.86560E-08 476316.0 3774196.5 327.0 3.49 4.00 3.25
YES
L0001300 0 0.86560E-08 476307.4 3774196.5 327.0 3.49 4.00 3.25

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	SCALAR VARY BY
L0001301	0	0.86560E-08	476298.9	3774196.5	327.0	3.49	4.00	3.25	YES
L0001302	0	0.86560E-08	476290.3	3774196.6	327.0	3.49	4.00	3.25	YES
L0001303	0	0.86560E-08	476281.7	3774196.6	327.0	3.49	4.00	3.25	YES
L0001304	0	0.86560E-08	476273.1	3774196.6	327.0	3.49	4.00	3.25	YES
L0001305	0	0.86560E-08	476264.5	3774196.7	327.0	3.49	4.00	3.25	YES
L0001306	0	0.86560E-08	476255.9	3774196.7	327.0	3.49	4.00	3.25	YES
L0001307	0	0.86560E-08	476247.3	3774196.7	327.0	3.49	4.00	3.25	YES
L0001308	0	0.86560E-08	476238.7	3774196.8	327.0	3.49	4.00	3.25	YES
L0001309	0	0.86560E-08	476230.1	3774196.9	327.0	3.49	4.00	3.25	YES
L0001310	0	0.86560E-08	476221.5	3774197.0	327.0	3.49	4.00	3.25	YES
L0001311	0	0.86560E-08	476213.0	3774197.1	327.0	3.49	4.00	3.25	YES
L0001312	0	0.86560E-08	476204.4	3774197.2	327.0	3.49	4.00	3.25	YES
L0001313	0	0.86560E-08	476195.8	3774197.2	326.9	3.49	4.00	3.25	YES
L0001314	0	0.86560E-08	476187.2	3774197.3	326.6	3.49	4.00	3.25	YES
L0001315	0	0.86560E-08	476178.6	3774197.4	326.3	3.49	4.00	3.25	YES
L0001316	0	0.86560E-08	476170.0	3774197.5	326.1	3.49	4.00	3.25	YES
L0001317	0	0.86560E-08	476161.4	3774197.6	326.0	3.49	4.00	3.25	YES
L0001318	0	0.86560E-08	476152.8	3774197.7	326.0	3.49	4.00	3.25	YES
L0001319	0	0.86560E-08	476144.2	3774197.8	326.0	3.49	4.00	3.25	YES
L0001320	0	0.86560E-08	476135.7	3774197.8	326.0	3.49	4.00	3.25	YES
L0001321	0	0.86560E-08	476127.1	3774197.9	326.0	3.49	4.00	3.25	YES
L0001322	0	0.86560E-08	476118.5	3774198.0	326.0	3.49	4.00	3.25	YES
L0001323	0	0.86560E-08	476109.9	3774198.1	326.0	3.49	4.00	3.25	

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	SCALAR VARY BY
L0001324	0	0.86560E-08	476101.3	3774198.2	326.0	3.49	4.00	3.25	YES
L0001325	0	0.86560E-08	476092.7	3774198.3	326.0	3.49	4.00	3.25	YES
L0001326	0	0.86560E-08	476084.1	3774198.4	326.0	3.49	4.00	3.25	YES
L0001327	0	0.86560E-08	476075.5	3774198.5	326.0	3.49	4.00	3.25	YES
L0001328	0	0.86560E-08	476066.9	3774198.5	326.0	3.49	4.00	3.25	YES
L0001329	0	0.86560E-08	476058.3	3774198.6	326.0	3.49	4.00	3.25	YES
L0001330	0	0.86560E-08	476049.8	3774198.7	326.0	3.49	4.00	3.25	YES
L0001331	0	0.86560E-08	476041.2	3774198.8	325.7	3.49	4.00	3.25	YES
L0001332	0	0.86560E-08	476032.6	3774198.9	325.5	3.49	4.00	3.25	YES
L0001333	0	0.86560E-08	476024.0	3774199.0	325.2	3.49	4.00	3.25	YES
L0001334	0	0.86560E-08	476015.4	3774199.1	325.1	3.49	4.00	3.25	YES
L0001335	0	0.86560E-08	476006.8	3774199.1	325.1	3.49	4.00	3.25	YES
L0001336	0	0.86560E-08	475998.2	3774199.2	325.0	3.49	4.00	3.25	YES
L0001337	0	0.86560E-08	475989.6	3774199.3	325.0	3.49	4.00	3.25	YES
L0001338	0	0.86560E-08	475981.0	3774199.4	325.0	3.49	4.00	3.25	YES
L0001339	0	0.86560E-08	475972.5	3774199.5	325.0	3.49	4.00	3.25	YES
L0001340	0	0.86560E-08	475963.9	3774199.6	325.0	3.49	4.00	3.25	YES
L0001341	0	0.86560E-08	475955.3	3774199.7	325.0	3.49	4.00	3.25	YES
L0001342	0	0.86560E-08	475946.7	3774199.8	325.0	3.49	4.00	3.25	YES
L0001343	0	0.86560E-08	475938.1	3774199.8	325.0	3.49	4.00	3.25	YES
L0001344	0	0.28960E-08	478058.9	3774403.3	340.0	3.49	4.00	3.25	YES
L0001345	0	0.28960E-08	478067.5	3774403.7	340.0	3.49	4.00	3.25	YES
L0001346	0	0.28960E-08	478076.0	3774404.1	340.0	3.49	4.00	3.25	YES

YES
L0001347 0 0.28960E-08 478084.6 3774404.5 340.0 3.49 4.00 3.25
YES
L0001348 0 0.28960E-08 478093.2 3774404.9 340.1 3.49 4.00 3.25
YES
L0001349 0 0.28960E-08 478101.8 3774405.3 340.4 3.49 4.00 3.25
YES
L0001350 0 0.28960E-08 478110.4 3774405.7 340.7 3.49 4.00 3.25
YES
L0001351 0 0.28960E-08 478118.9 3774406.1 341.0 3.49 4.00 3.25
YES
L0001352 0 0.28960E-08 478127.5 3774406.5 341.0 3.49 4.00 3.25
YES
L0001353 0 0.28960E-08 478136.1 3774406.9 341.0 3.49 4.00 3.25
YES
L0001354 0 0.28960E-08 478144.7 3774407.3 341.0 3.49 4.00 3.25
YES
L0001355 0 0.28960E-08 478153.3 3774407.7 341.0 3.49 4.00 3.25
YES
L0001356 0 0.28960E-08 478161.8 3774408.1 341.0 3.49 4.00 3.25
YES
L0001357 0 0.28960E-08 478170.4 3774408.5 341.0 3.49 4.00 3.25
YES
L0001358 0 0.28960E-08 478179.0 3774408.9 341.0 3.49 4.00 3.25
YES
L0001359 0 0.28960E-08 478187.6 3774409.1 341.0 3.49 4.00 3.25
YES
L0001360 0 0.28960E-08 478196.2 3774409.3 341.0 3.49 4.00 3.25
YES
L0001361 0 0.28960E-08 478204.8 3774409.5 341.0 3.49 4.00 3.25
YES
L0001362 0 0.28960E-08 478213.4 3774409.7 341.1 3.49 4.00 3.25
YES
L0001363 0 0.28960E-08 478221.9 3774409.9 341.4 3.49 4.00 3.25
YES
L0001364 0 0.28960E-08 478230.5 3774410.1 341.7 3.49 4.00 3.25
YES
L0001365 0 0.28960E-08 478239.1 3774410.3 342.0 3.49 4.00 3.25
YES
L0001366 0 0.28960E-08 478247.7 3774410.5 342.0 3.49 4.00 3.25
YES
L0001367 0 0.28960E-08 478256.3 3774410.7 342.0 3.49 4.00 3.25
YES
L0001368 0 0.28960E-08 478264.9 3774410.9 342.0 3.49 4.00 3.25
YES
L0001369 0 0.28960E-08 478273.5 3774411.1 342.0 3.49 4.00 3.25
YES
L0001370 0 0.28960E-08 478282.1 3774411.3 342.0 3.49 4.00 3.25
YES
L0001371 0 0.28960E-08 478290.6 3774411.5 342.0 3.49 4.00 3.25
YES
L0001372 0 0.28960E-08 478299.2 3774411.7 342.0 3.49 4.00 3.25
YES
L0001373 0 0.28960E-08 478307.8 3774411.9 342.0 3.49 4.00 3.25
YES
L0001374 0 0.28960E-08 478316.4 3774412.1 342.0 3.49 4.00 3.25
YES
L0001375 0 0.28960E-08 478325.0 3774412.3 342.0 3.49 4.00 3.25
YES
L0001376 0 0.28960E-08 478333.2 3774412.9 342.1 3.49 4.00 3.25
YES
L0001377 0 0.28960E-08 478333.3 3774421.5 342.1 3.49 4.00 3.25
YES
L0001378 0 0.28960E-08 478333.3 3774430.1 342.1 3.49 4.00 3.25
YES
L0001379 0 0.28960E-08 478333.3 3774438.7 342.1 3.49 4.00 3.25

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
L0001381	0	0.28960E-08	478333.4	3774455.8	342.1	3.49	4.00	3.25	YES
L0001382	0	0.28960E-08	478333.5	3774464.4	342.1	3.49	4.00	3.25	YES
L0001383	0	0.28960E-08	478333.5	3774473.0	342.1	3.49	4.00	3.25	YES
L0001384	0	0.28960E-08	478333.5	3774481.6	342.1	3.49	4.00	3.25	YES
L0001385	0	0.28960E-08	478333.6	3774490.2	342.1	3.49	4.00	3.25	YES
L0001386	0	0.28960E-08	478333.6	3774498.8	342.1	3.49	4.00	3.25	YES
L0001387	0	0.28960E-08	478333.6	3774507.4	342.1	3.49	4.00	3.25	YES
L0001388	0	0.28960E-08	478333.7	3774516.0	342.1	3.49	4.00	3.25	YES
L0001389	0	0.28960E-08	478333.7	3774524.6	342.1	3.49	4.00	3.25	YES
L0001390	0	0.28960E-08	478333.8	3774533.2	342.1	3.49	4.00	3.25	YES
L0001391	0	0.28960E-08	478333.8	3774541.7	342.1	3.49	4.00	3.25	YES
L0001392	0	0.28960E-08	478333.8	3774550.3	342.1	3.49	4.00	3.25	YES
L0001393	0	0.28960E-08	478333.9	3774558.9	342.2	3.49	4.00	3.25	YES
L0001394	0	0.28960E-08	478333.9	3774567.5	342.5	3.49	4.00	3.25	YES
L0001395	0	0.28960E-08	478334.0	3774576.1	342.7	3.49	4.00	3.25	YES
L0001396	0	0.28960E-08	478334.0	3774584.7	342.9	3.49	4.00	3.25	YES
L0001397	0	0.28960E-08	478334.0	3774593.3	343.0	3.49	4.00	3.25	YES
L0001398	0	0.28960E-08	478334.1	3774601.9	343.0	3.49	4.00	3.25	YES
L0001399	0	0.28960E-08	478334.1	3774610.5	343.0	3.49	4.00	3.25	YES
L0001400	0	0.28960E-08	478334.1	3774619.1	343.0	3.49	4.00	3.25	YES
L0001401	0	0.28960E-08	478334.0	3774627.6	343.0	3.49	4.00	3.25	YES
L0001402	0	0.28960E-08	478334.0	3774636.2	343.0	3.49	4.00	3.25	

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 YES
 L0001403         0   0.28960E-08  478333.9 3774644.8   343.0     3.49     4.00     3.25
 YES
 L0001404         0   0.28960E-08  478333.8 3774653.4   343.0     3.49     4.00     3.25
 YES
 L0001405         0   0.28960E-08  478333.8 3774662.0   343.0     3.49     4.00     3.25
 YES
 L0001406         0   0.28960E-08  478333.7 3774670.6   343.0     3.49     4.00     3.25
 YES
 L0001407         0   0.28960E-08  478333.7 3774679.2   343.0     3.49     4.00     3.25
 YES
 L0001408         0   0.28960E-08  478333.6 3774687.8   343.0     3.49     4.00     3.25
 YES
 L0001409         0   0.28960E-08  478333.6 3774696.4   343.0     3.49     4.00     3.25
 YES
 L0001410         0   0.28960E-08  478333.5 3774705.0   343.0     3.49     4.00     3.25
 YES
 L0001411         0   0.28960E-08  478333.4 3774713.5   343.0     3.49     4.00     3.25
 YES
 L0001412         0   0.28960E-08  478333.4 3774722.1   343.0     3.49     4.00     3.25
 YES
 L0001413         0   0.28960E-08  478333.3 3774730.7   343.0     3.49     4.00     3.25
 YES
 L0001414         0   0.28960E-08  478333.3 3774739.3   343.0     3.49     4.00     3.25
 YES
 L0001415         0   0.28960E-08  478333.2 3774747.9   343.0     3.49     4.00     3.25
 YES
 L0001416         0   0.28960E-08  478333.2 3774756.5   343.0     3.49     4.00     3.25
 YES
 L0001417         0   0.28960E-08  478333.1 3774765.1   343.0     3.49     4.00     3.25
 YES
 L0001418         0   0.28960E-08  478333.0 3774773.7   343.0     3.49     4.00     3.25
 YES
 L0001419         0   0.28960E-08  478333.0 3774782.3   343.0     3.49     4.00     3.25
 YES
 L0001420         0   0.28960E-08  478332.9 3774790.9   343.0     3.49     4.00     3.25
 YES
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***       10:30:11

                     PAGE  14
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - -

 L0001421         0   0.28960E-08  478332.9 3774799.4   343.0     3.49     4.00     3.25
 YES
 L0001422         0   0.28960E-08  478332.8 3774808.0   343.0     3.49     4.00     3.25
 YES
 L0001423         0   0.86500E-08  477613.9 3774194.9   336.1     3.49     4.00     3.25
 YES
 L0001424         0   0.86500E-08  477622.5 3774195.1   336.4     3.49     4.00     3.25
 YES
 L0001425         0   0.86500E-08  477631.1 3774195.3   336.7     3.49     4.00     3.25
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YES
L0001426 0 0.86500E-08 477639.7 3774195.5 337.0 3.49 4.00 3.25
YES
L0001427 0 0.86500E-08 477648.2 3774195.7 337.0 3.49 4.00 3.25
YES
L0001428 0 0.86500E-08 477656.8 3774195.9 337.0 3.49 4.00 3.25
YES
L0001429 0 0.86500E-08 477665.4 3774196.1 337.0 3.49 4.00 3.25
YES
L0001430 0 0.86500E-08 477674.0 3774196.3 337.0 3.49 4.00 3.25
YES
L0001431 0 0.86500E-08 477682.6 3774196.6 337.0 3.49 4.00 3.25
YES
L0001432 0 0.86500E-08 477691.2 3774196.8 337.0 3.49 4.00 3.25
YES
L0001433 0 0.86500E-08 477699.8 3774197.0 337.0 3.49 4.00 3.25
YES
L0001434 0 0.86500E-08 477708.4 3774197.2 337.0 3.49 4.00 3.25
YES
L0001435 0 0.86500E-08 477716.9 3774197.4 337.0 3.49 4.00 3.25
YES
L0001436 0 0.86500E-08 477725.5 3774197.6 337.0 3.49 4.00 3.25
YES
L0001437 0 0.86500E-08 477734.1 3774197.8 337.0 3.49 4.00 3.25
YES
L0001438 0 0.86500E-08 477742.7 3774198.0 337.0 3.49 4.00 3.25
YES
L0001439 0 0.86500E-08 477751.3 3774198.2 337.1 3.49 4.00 3.25
YES
L0001440 0 0.86500E-08 477759.9 3774198.4 337.1 3.49 4.00 3.25
YES
L0001441 0 0.86500E-08 477768.5 3774198.6 337.3 3.49 4.00 3.25
YES
L0001442 0 0.86500E-08 477777.1 3774198.9 337.6 3.49 4.00 3.25
YES
L0001443 0 0.86500E-08 477785.6 3774199.1 337.9 3.49 4.00 3.25
YES
L0001444 0 0.86500E-08 477794.2 3774199.3 338.0 3.49 4.00 3.25
YES
L0001445 0 0.86500E-08 477802.8 3774199.5 338.0 3.49 4.00 3.25
YES
L0001446 0 0.86500E-08 477811.4 3774199.7 338.0 3.49 4.00 3.25
YES
L0001447 0 0.86500E-08 477820.0 3774199.9 338.0 3.49 4.00 3.25
YES
L0001448 0 0.86500E-08 477828.6 3774200.1 338.0 3.49 4.00 3.25
YES
L0001449 0 0.86500E-08 477837.2 3774200.3 338.0 3.49 4.00 3.25
YES
L0001450 0 0.86500E-08 477845.8 3774200.4 338.0 3.49 4.00 3.25
YES
L0001451 0 0.86500E-08 477854.3 3774200.6 338.0 3.49 4.00 3.25
YES
L0001452 0 0.86500E-08 477862.9 3774200.8 338.0 3.49 4.00 3.25
YES
L0001453 0 0.86500E-08 477871.5 3774201.0 338.0 3.49 4.00 3.25
YES
L0001454 0 0.86500E-08 477880.1 3774201.2 338.0 3.49 4.00 3.25
YES
L0001455 0 0.86500E-08 477888.7 3774201.4 338.3 3.49 4.00 3.25
YES
L0001456 0 0.86500E-08 477897.3 3774201.6 338.6 3.49 4.00 3.25
YES
L0001457 0 0.86500E-08 477905.9 3774201.7 338.9 3.49 4.00 3.25
YES
L0001458 0 0.86500E-08 477914.5 3774201.9 339.0 3.49 4.00 3.25

YES
L0001459 0 0.86500E-08 477923.0 3774202.1 339.0 3.49 4.00 3.25
YES
L0001460 0 0.86500E-08 477931.6 3774202.3 339.0 3.49 4.00 3.25
YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
L0001461	0	0.86500E-08	477940.2	3774202.5	339.0	3.49	4.00	3.25	YES
L0001462	0	0.86500E-08	477948.8	3774202.7	339.0	3.49	4.00	3.25	YES
L0001463	0	0.86500E-08	477957.4	3774202.9	339.0	3.49	4.00	3.25	YES
L0001464	0	0.86500E-08	477966.0	3774203.1	339.0	3.49	4.00	3.25	YES
L0001465	0	0.86500E-08	477974.6	3774203.2	339.2	3.49	4.00	3.25	YES
L0001466	0	0.86500E-08	477983.2	3774203.4	339.4	3.49	4.00	3.25	YES
L0001467	0	0.86500E-08	477991.8	3774203.6	339.7	3.49	4.00	3.25	YES
L0001468	0	0.86500E-08	478000.3	3774203.8	340.0	3.49	4.00	3.25	YES
L0001469	0	0.86500E-08	478008.9	3774204.0	340.0	3.49	4.00	3.25	YES
L0001470	0	0.86500E-08	478017.5	3774204.2	340.0	3.49	4.00	3.25	YES
L0001471	0	0.86500E-08	478026.1	3774204.4	340.0	3.49	4.00	3.25	YES
L0001472	0	0.86500E-08	478034.7	3774204.5	340.0	3.49	4.00	3.25	YES
L0001473	0	0.86500E-08	478043.3	3774204.8	340.0	3.49	4.00	3.25	YES
L0001474	0	0.86500E-08	478051.9	3774205.2	340.0	3.49	4.00	3.25	YES
L0001475	0	0.86500E-08	478060.4	3774205.5	340.0	3.49	4.00	3.25	YES
L0001476	0	0.86500E-08	478069.0	3774205.9	340.0	3.49	4.00	3.25	YES
L0001477	0	0.86500E-08	478077.6	3774206.2	340.0	3.49	4.00	3.25	YES
L0001478	0	0.86500E-08	478086.2	3774206.6	340.0	3.49	4.00	3.25	YES
L0001479	0	0.86500E-08	478094.8	3774206.9	340.2	3.49	4.00	3.25	YES
L0001480	0	0.86500E-08	478103.4	3774207.3	340.4	3.49	4.00	3.25	YES
L0001481	0	0.46220E-07	478112.3	3774206.5	340.8	3.49	4.00	3.25	

YES
L0001482 0 0.46220E-07 478120.9 3774206.5 341.0 3.49 4.00 3.25
YES
L0001483 0 0.46220E-07 478129.5 3774206.5 341.0 3.49 4.00 3.25
YES
L0001484 0 0.46220E-07 478138.1 3774206.5 341.0 3.49 4.00 3.25
YES
L0001485 0 0.46220E-07 478146.7 3774206.5 341.0 3.49 4.00 3.25
YES
L0001486 0 0.46220E-07 478155.2 3774206.5 341.0 3.49 4.00 3.25
YES
L0001487 0 0.46220E-07 478163.8 3774206.5 341.0 3.49 4.00 3.25
YES
L0001488 0 0.46220E-07 478172.4 3774206.5 341.0 3.49 4.00 3.25
YES
L0001489 0 0.46220E-07 478181.0 3774206.5 341.0 3.49 4.00 3.25
YES
L0001490 0 0.46220E-07 478189.6 3774206.5 341.0 3.49 4.00 3.25
YES
L0001491 0 0.46220E-07 478198.2 3774206.5 341.0 3.49 4.00 3.25
YES
L0001492 0 0.46220E-07 478206.8 3774206.5 341.0 3.49 4.00 3.25
YES
L0001493 0 0.46220E-07 478215.4 3774206.5 341.2 3.49 4.00 3.25
YES
L0001494 0 0.46220E-07 478224.0 3774206.5 341.5 3.49 4.00 3.25
YES
L0001495 0 0.46220E-07 478232.6 3774206.5 341.8 3.49 4.00 3.25
YES
L0001496 0 0.46220E-07 478241.1 3774206.5 342.0 3.49 4.00 3.25
YES
L0001497 0 0.46220E-07 478249.7 3774206.5 342.0 3.49 4.00 3.25
YES
L0001498 0 0.46220E-07 478258.3 3774206.5 342.0 3.49 4.00 3.25
YES
L0001499 0 0.46220E-07 478266.9 3774206.5 342.0 3.49 4.00 3.25
YES
L0001500 0 0.46220E-07 478275.5 3774206.5 342.0 3.49 4.00 3.25
YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART. SCALAR VARY BY	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ
L0001501	0	0.46220E-07	478284.1	3774206.5	342.0	3.49	4.00	3.25
YES								
L0001502	0	0.46220E-07	478292.7	3774206.5	342.0	3.49	4.00	3.25
YES								
L0001503	0	0.46220E-07	478301.3	3774206.5	342.0	3.49	4.00	3.25
YES								
L0001504	0	0.46220E-07	478309.9	3774206.5	342.0	3.49	4.00	3.25

YES
L0001505 0 0.46220E-07 478318.5 3774206.5 342.0 3.49 4.00 3.25
YES
L0001506 0 0.46220E-07 478327.0 3774206.5 342.0 3.49 4.00 3.25
YES
L0001507 0 0.46220E-07 478335.6 3774206.5 342.0 3.49 4.00 3.25
YES
L0001508 0 0.46220E-07 478344.2 3774206.5 342.0 3.49 4.00 3.25
YES
L0001509 0 0.46220E-07 478352.8 3774206.5 342.0 3.49 4.00 3.25
YES
L0001510 0 0.46220E-07 478361.4 3774206.4 342.0 3.49 4.00 3.25
YES
L0001511 0 0.46220E-07 478370.0 3774206.4 342.1 3.49 4.00 3.25
YES
L0001512 0 0.46220E-07 478378.6 3774206.3 342.2 3.49 4.00 3.25
YES
L0001513 0 0.46220E-07 478387.2 3774206.2 342.3 3.49 4.00 3.25
YES
L0001514 0 0.46220E-07 478395.8 3774206.2 342.5 3.49 4.00 3.25
YES
L0001515 0 0.46220E-07 478404.3 3774206.1 342.7 3.49 4.00 3.25
YES
L0001516 0 0.46220E-07 478412.9 3774206.1 342.8 3.49 4.00 3.25
YES
L0001517 0 0.46220E-07 478421.5 3774206.0 343.0 3.49 4.00 3.25
YES
L0001518 0 0.46220E-07 478430.1 3774205.9 343.0 3.49 4.00 3.25
YES
L0001519 0 0.46220E-07 478438.7 3774205.9 343.0 3.49 4.00 3.25
YES
L0001520 0 0.46220E-07 478447.3 3774205.8 343.0 3.49 4.00 3.25
YES
L0001521 0 0.46220E-07 478455.9 3774205.8 343.0 3.49 4.00 3.25
YES
L0001522 0 0.46220E-07 478464.5 3774205.7 343.0 3.49 4.00 3.25
YES
L0001523 0 0.46220E-07 478473.1 3774205.6 343.0 3.49 4.00 3.25
YES
L0001524 0 0.46220E-07 478481.7 3774205.6 343.0 3.49 4.00 3.25
YES
L0001525 0 0.46220E-07 478490.2 3774205.5 343.1 3.49 4.00 3.25
YES
L0001526 0 0.46220E-07 478498.8 3774205.4 343.2 3.49 4.00 3.25
YES
L0001527 0 0.46220E-07 478507.4 3774205.4 343.3 3.49 4.00 3.25
YES
L0001528 0 0.46220E-07 478516.0 3774205.3 343.4 3.49 4.00 3.25
YES
L0001529 0 0.46220E-07 478524.6 3774205.3 343.6 3.49 4.00 3.25
YES
L0001530 0 0.46220E-07 478533.2 3774205.2 343.8 3.49 4.00 3.25
YES
L0001531 0 0.46220E-07 478541.8 3774205.1 344.0 3.49 4.00 3.25
YES
L0001532 0 0.46220E-07 478550.4 3774205.1 344.0 3.49 4.00 3.25
YES
L0001533 0 0.46220E-07 478559.0 3774205.1 344.0 3.49 4.00 3.25
YES
L0001534 0 0.46220E-07 478567.6 3774205.0 344.0 3.49 4.00 3.25
YES
L0001535 0 0.46220E-07 478576.1 3774205.0 344.0 3.49 4.00 3.25
YES
L0001536 0 0.46220E-07 478584.7 3774205.0 344.0 3.49 4.00 3.25
YES
L0001537 0 0.46220E-07 478593.3 3774204.9 344.0 3.49 4.00 3.25

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ
L0001538	0	0.46220E-07	478601.9	3774204.9	344.0	3.49	4.00	3.25
YES								
L0001539	0	0.46220E-07	478610.5	3774204.9	344.0	3.49	4.00	3.25
YES								
L0001540	0	0.46220E-07	478619.1	3774204.8	344.0	3.49	4.00	3.25
YES								
L0001541	0	0.46220E-07	478627.7	3774204.8	344.0	3.49	4.00	3.25
YES								
L0001542	0	0.46220E-07	478636.3	3774204.8	344.0	3.49	4.00	3.25
YES								
L0001543	0	0.46220E-07	478644.9	3774204.7	344.0	3.49	4.00	3.25
YES								
L0001544	0	0.46220E-07	478653.5	3774204.7	344.0	3.49	4.00	3.25
YES								
L0001545	0	0.46220E-07	478662.0	3774204.7	344.1	3.49	4.00	3.25
YES								
L0001546	0	0.46220E-07	478670.6	3774204.6	344.4	3.49	4.00	3.25
YES								
L0001547	0	0.46220E-07	478679.2	3774204.6	344.7	3.49	4.00	3.25
YES								
L0001548	0	0.46220E-07	478687.8	3774204.6	344.9	3.49	4.00	3.25
YES								
L0001549	0	0.46220E-07	478696.4	3774204.5	345.0	3.49	4.00	3.25
YES								
L0001550	0	0.46220E-07	478705.0	3774204.5	345.0	3.49	4.00	3.25
YES								
L0001551	0	0.46220E-07	478713.6	3774204.5	345.0	3.49	4.00	3.25
YES								
L0001552	0	0.46220E-07	478722.2	3774204.4	345.0	3.49	4.00	3.25
YES								
L0001553	0	0.46220E-07	478730.8	3774204.4	345.0	3.49	4.00	3.25
YES								
L0001554	0	0.46220E-07	478739.4	3774204.4	345.0	3.49	4.00	3.25
YES								
L0001555	0	0.46220E-07	478747.9	3774204.3	345.0	3.49	4.00	3.25
YES								
L0001556	0	0.46220E-07	478756.5	3774204.3	345.0	3.49	4.00	3.25
YES								
L0001557	0	0.46220E-07	478765.1	3774204.3	345.0	3.49	4.00	3.25
YES								
L0001558	0	0.46220E-07	478773.7	3774204.2	345.0	3.49	4.00	3.25
YES								
L0001559	0	0.46220E-07	478782.3	3774204.2	345.0	3.49	4.00	3.25
YES								
L0001560	0	0.46220E-07	478790.9	3774204.3	345.0	3.49	4.00	3.25

YES
L0001561 0 0.46220E-07 478799.5 3774204.3 345.0 3.49 4.00 3.25
YES
L0001562 0 0.46220E-07 478808.1 3774204.3 345.0 3.49 4.00 3.25
YES
L0001563 0 0.46220E-07 478816.7 3774204.3 345.2 3.49 4.00 3.25
YES
L0001564 0 0.46220E-07 478825.3 3774204.3 345.5 3.49 4.00 3.25
YES
L0001565 0 0.46220E-07 478833.8 3774204.3 345.8 3.49 4.00 3.25
YES
L0001566 0 0.46220E-07 478842.4 3774204.3 346.0 3.49 4.00 3.25
YES
L0001567 0 0.46220E-07 478851.0 3774204.3 346.0 3.49 4.00 3.25
YES
L0001568 0 0.46220E-07 478859.6 3774204.3 346.0 3.49 4.00 3.25
YES
L0001569 0 0.46220E-07 478868.2 3774204.3 346.0 3.49 4.00 3.25
YES
L0001570 0 0.46220E-07 478876.8 3774204.3 346.1 3.49 4.00 3.25
YES
L0001571 0 0.46220E-07 478885.4 3774204.3 346.1 3.49 4.00 3.25
YES
L0001572 0 0.46220E-07 478894.0 3774204.3 346.2 3.49 4.00 3.25
YES
L0001573 0 0.46220E-07 478902.6 3774204.3 346.3 3.49 4.00 3.25
YES
L0001574 0 0.46220E-07 478911.2 3774204.3 346.5 3.49 4.00 3.25
YES
L0001575 0 0.46220E-07 478919.7 3774204.3 346.8 3.49 4.00 3.25
YES
L0001576 0 0.46220E-07 478928.3 3774204.3 347.0 3.49 4.00 3.25
YES
L0001577 0 0.46220E-07 478936.9 3774204.3 347.0 3.49 4.00 3.25
YES
L0001578 0 0.46220E-07 478945.5 3774204.3 347.0 3.49 4.00 3.25
YES
L0001579 0 0.46220E-07 478954.1 3774204.3 347.0 3.49 4.00 3.25
YES
L0001580 0 0.46220E-07 478962.7 3774204.3 347.0 3.49 4.00 3.25
YES

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART. SCALAR VARY BY	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ
L0001581	0	0.46220E-07	478971.3	3774204.3	347.0	3.49	4.00	3.25
YES								
L0001582	0	0.46220E-07	478979.9	3774204.3	347.0	3.49	4.00	3.25
YES								
L0001583	0	0.46220E-07	478988.5	3774204.3	347.0	3.49	4.00	3.25

YES								
L0001584	0	0.46220E-07	478997.1	3774204.3	347.2	3.49	4.00	3.25
YES								
L0001585	0	0.46220E-07	479005.6	3774204.3	347.5	3.49	4.00	3.25
YES								
L0001586	0	0.46220E-07	479014.2	3774204.3	347.8	3.49	4.00	3.25
YES								
L0001587	0	0.46220E-07	479022.8	3774204.3	348.0	3.49	4.00	3.25
YES								
L0001588	0	0.46220E-07	479031.4	3774204.3	348.0	3.49	4.00	3.25
YES								
L0001589	0	0.46220E-07	479040.0	3774204.3	348.0	3.49	4.00	3.25
YES								
L0001590	0	0.46220E-07	479048.6	3774204.3	348.0	3.49	4.00	3.25
YES								
L0001591	0	0.46220E-07	479057.2	3774204.3	348.0	3.49	4.00	3.25
YES								
L0001592	0	0.46220E-07	479065.8	3774204.3	348.0	3.49	4.00	3.25
YES								
L0001593	0	0.46220E-07	479074.4	3774204.3	348.0	3.49	4.00	3.25
YES								
L0001594	0	0.46220E-07	479083.0	3774204.3	348.0	3.49	4.00	3.25
YES								
L0001595	0	0.46220E-07	479091.5	3774204.3	348.0	3.49	4.00	3.25
YES								
L0001596	0	0.46220E-07	479100.1	3774204.3	348.0	3.49	4.00	3.25
YES								
L0001597	0	0.46220E-07	479108.7	3774204.3	348.0	3.49	4.00	3.25
YES								
L0001598	0	0.46220E-07	479117.3	3774204.3	348.0	3.49	4.00	3.25
YES								
L0001599	0	0.46220E-07	479125.9	3774204.3	348.0	3.49	4.00	3.25
YES								
L0001600	0	0.46220E-07	479134.5	3774204.3	348.0	3.49	4.00	3.25
YES								
L0001601	0	0.46220E-07	479143.1	3774204.3	348.1	3.49	4.00	3.25
YES								
L0001602	0	0.75390E-07	479154.7	3774204.2	348.5	3.49	6.51	3.25
YES								
L0001603	0	0.75390E-07	479168.7	3774204.1	349.0	3.49	6.51	3.25
YES								
L0001604	0	0.75390E-07	479182.7	3774204.0	349.0	3.49	6.51	3.25
YES								
L0001605	0	0.75390E-07	479196.7	3774203.8	349.0	3.49	6.51	3.25
YES								
L0001606	0	0.75390E-07	479210.7	3774203.7	349.0	3.49	6.51	3.25
YES								
L0001607	0	0.75390E-07	479224.7	3774203.6	349.0	3.49	6.51	3.25
YES								
L0001608	0	0.75390E-07	479238.7	3774203.4	349.1	3.49	6.51	3.25
YES								
L0001609	0	0.75390E-07	479252.7	3774203.3	349.2	3.49	6.51	3.25
YES								
L0001610	0	0.75390E-07	479266.7	3774203.2	349.4	3.49	6.51	3.25
YES								
L0001611	0	0.75390E-07	479280.7	3774203.0	349.8	3.49	6.51	3.25
YES								
L0001612	0	0.75390E-07	479294.7	3774202.9	350.0	3.49	6.51	3.25
YES								
L0001613	0	0.75390E-07	479308.7	3774202.8	350.0	3.49	6.51	3.25
YES								
L0001614	0	0.75390E-07	479322.7	3774202.7	350.0	3.49	6.51	3.25
YES								
L0001615	0	0.75390E-07	479336.7	3774202.5	350.0	3.49	6.51	3.25
YES								
L0001616	0	0.75390E-07	479350.7	3774202.4	350.0	3.49	6.51	3.25

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
L0001617	0	0.75390E-07	479364.7	3774202.3	350.0	3.49	6.51	3.25	YES
L0001618	0	0.75390E-07	479378.7	3774202.1	350.0	3.49	6.51	3.25	YES
L0001619	0	0.75390E-07	479392.7	3774202.0	350.1	3.49	6.51	3.25	YES
L0001620	0	0.75390E-07	479406.7	3774202.0	350.2	3.49	6.51	3.25	YES
L0001621	0	0.75390E-07	479420.7	3774202.0	350.5	3.49	6.51	3.25	YES
L0001622	0	0.75390E-07	479434.7	3774202.0	350.9	3.49	6.51	3.25	YES
L0001623	0	0.75390E-07	479448.7	3774202.0	351.0	3.49	6.51	3.25	YES
L0001624	0	0.75390E-07	479462.7	3774202.0	351.0	3.49	6.51	3.25	YES
L0001625	0	0.75390E-07	479476.7	3774202.0	351.0	3.49	6.51	3.25	YES
L0001626	0	0.75390E-07	479490.7	3774202.0	351.0	3.49	6.51	3.25	YES
L0001627	0	0.75390E-07	479504.7	3774202.0	351.2	3.49	6.51	3.25	YES
L0001628	0	0.75390E-07	479518.7	3774202.0	351.6	3.49	6.51	3.25	YES
L0001629	0	0.75390E-07	479532.7	3774202.0	352.0	3.49	6.51	3.25	YES
L0001630	0	0.75390E-07	479546.7	3774202.0	352.0	3.49	6.51	3.25	YES
L0001631	0	0.75390E-07	479560.7	3774202.0	352.0	3.49	6.51	3.25	YES
L0001632	0	0.75390E-07	479574.7	3774202.0	352.0	3.49	6.51	3.25	YES
L0001633	0	0.75390E-07	479588.7	3774202.0	352.0	3.49	6.51	3.25	YES
L0001634	0	0.75390E-07	479602.7	3774202.0	352.0	3.49	6.51	3.25	YES
L0001635	0	0.75390E-07	479616.7	3774202.0	352.0	3.49	6.51	3.25	YES
L0001636	0	0.75390E-07	479630.7	3774202.0	352.4	3.49	6.51	3.25	YES
L0001637	0	0.75390E-07	479644.7	3774202.1	352.8	3.49	6.51	3.25	YES
L0001638	0	0.75390E-07	479658.7	3774202.1	353.0	3.49	6.51	3.25	YES
L0001639	0	0.75390E-07	479672.7	3774202.1	353.0	3.49	6.51	3.25	

YES
L0001640 0 0.75390E-07 479686.7 3774202.2 353.0 3.49 6.51 3.25
YES
L0001641 0 0.75390E-07 479700.7 3774202.2 353.0 3.49 6.51 3.25
YES
L0001642 0 0.75390E-07 479714.7 3774202.2 353.0 3.49 6.51 3.25
YES
L0001643 0 0.75390E-07 479728.7 3774202.2 353.0 3.49 6.51 3.25
YES
L0001644 0 0.75390E-07 479742.7 3774202.3 353.0 3.49 6.51 3.25
YES
L0001645 0 0.75390E-07 479756.7 3774202.3 353.1 3.49 6.51 3.25
YES
L0001646 0 0.75390E-07 479770.7 3774202.3 353.2 3.49 6.51 3.25
YES
L0001647 0 0.75390E-07 479784.7 3774202.4 353.2 3.49 6.51 3.25
YES
L0001648 0 0.75390E-07 479798.7 3774202.4 353.2 3.49 6.51 3.25
YES
L0001649 0 0.75390E-07 479812.7 3774202.4 353.2 3.49 6.51 3.25
YES
L0001650 0 0.75390E-07 479826.7 3774202.5 353.2 3.49 6.51 3.25
YES
L0001651 0 0.75390E-07 479840.7 3774202.5 353.5 3.49 6.51 3.25
YES
L0001652 0 0.75390E-07 479854.7 3774202.5 353.9 3.49 6.51 3.25
YES
L0001653 0 0.75390E-07 479868.7 3774202.5 354.0 3.49 6.51 3.25
YES
L0001654 0 0.75390E-07 479882.7 3774202.6 354.0 3.49 6.51 3.25
YES
L0001655 0 0.75390E-07 479896.7 3774202.6 354.0 3.49 6.51 3.25
YES
L0001656 0 0.75390E-07 479910.7 3774202.6 354.0 3.49 6.51 3.25
YES
L0001657 0 0.75390E-07 479924.7 3774202.7 354.0 3.49 6.51 3.25
YES
L0001658 0 0.75390E-07 479938.7 3774202.4 354.0 3.49 6.51 3.25
YES
L0001659 0 0.75390E-07 479952.7 3774201.7 354.1 3.49 6.51 3.25
YES
L0001660 0 0.75390E-07 479966.7 3774200.9 354.6 3.49 6.51 3.25
YES

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ
L0001661	0	0.75390E-07	479980.6	3774199.7	355.0	3.49	6.51	3.25
YES								
L0001662	0	0.75390E-07	479994.6	3774198.4	355.0	3.49	6.51	3.25

YES
L0001663 0 0.75390E-07 480008.5 3774197.1 355.0 3.49 6.51 3.25
YES
L0001664 0 0.75390E-07 480022.4 3774195.8 355.4 3.49 6.51 3.25
YES
L0001665 0 0.75390E-07 480036.4 3774194.6 355.9 3.49 6.51 3.25
YES
L0001666 0 0.75390E-07 480050.3 3774193.3 356.0 3.49 6.51 3.25
YES
L0001667 0 0.75390E-07 480064.3 3774192.0 356.0 3.49 6.51 3.25
YES
L0001668 0 0.75390E-07 480078.2 3774190.7 356.0 3.49 6.51 3.25
YES
L0001669 0 0.75390E-07 480092.1 3774189.4 356.0 3.49 6.51 3.25
YES
L0001670 0 0.75390E-07 480106.1 3774188.2 356.2 3.49 6.51 3.25
YES
L0001671 0 0.75390E-07 480120.0 3774186.9 356.7 3.49 6.51 3.25
YES
L0001672 0 0.75390E-07 480134.0 3774185.6 357.0 3.49 6.51 3.25
YES
L0001673 0 0.75390E-07 480147.9 3774184.3 357.0 3.49 6.51 3.25
YES
L0001674 0 0.75390E-07 480161.9 3774183.0 357.0 3.49 6.51 3.25
YES
L0001675 0 0.75390E-07 480175.8 3774181.8 357.0 3.49 6.51 3.25
YES
L0001676 0 0.75390E-07 480189.7 3774180.5 357.0 3.49 6.51 3.25
YES
L0001677 0 0.75390E-07 480203.7 3774179.2 357.5 3.49 6.51 3.25
YES
L0001678 0 0.75390E-07 480217.6 3774178.0 357.9 3.49 6.51 3.25
YES
L0001679 0 0.75390E-07 480231.6 3774176.9 358.0 3.49 6.51 3.25
YES
L0001680 0 0.75390E-07 480245.5 3774175.8 358.0 3.49 6.51 3.25
YES
L0001681 0 0.75390E-07 480259.5 3774174.8 358.0 3.49 6.51 3.25
YES
L0001682 0 0.75390E-07 480273.5 3774173.7 358.0 3.49 6.51 3.25
YES
L0001683 0 0.75390E-07 480287.4 3774172.6 358.2 3.49 6.51 3.25
YES
L0001684 0 0.75390E-07 480301.4 3774171.5 358.7 3.49 6.51 3.25
YES
L0001685 0 0.75390E-07 480315.3 3774170.4 359.0 3.49 6.51 3.25
YES
L0001686 0 0.75390E-07 480329.3 3774169.4 359.0 3.49 6.51 3.25
YES
L0001687 0 0.75390E-07 480343.3 3774168.3 359.0 3.49 6.51 3.25
YES
L0001688 0 0.75390E-07 480357.2 3774167.2 359.0 3.49 6.51 3.25
YES
L0001689 0 0.75390E-07 480371.2 3774166.1 359.0 3.49 6.51 3.25
YES
L0001690 0 0.75390E-07 480385.1 3774165.0 359.0 3.49 6.51 3.25
YES
L0001691 0 0.75390E-07 480399.1 3774164.0 359.0 3.49 6.51 3.25
YES
L0001692 0 0.75390E-07 480413.0 3774162.9 359.4 3.49 6.51 3.25
YES
L0001693 0 0.75390E-07 480427.0 3774161.8 359.9 3.49 6.51 3.25
YES
L0001694 0 0.75390E-07 480441.0 3774160.7 360.0 3.49 6.51 3.25
YES
L0001695 0 0.75390E-07 480454.9 3774159.7 360.0 3.49 6.51 3.25

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
L0001696	0	0.75390E-07	480468.9	3774158.6	360.0	3.49	6.51	3.25	YES
L0001697	0	0.75390E-07	480482.8	3774157.5	360.0	3.49	6.51	3.25	YES
L0001698	0	0.75390E-07	480496.8	3774156.4	360.2	3.49	6.51	3.25	YES
L0001699	0	0.75390E-07	480510.8	3774155.3	360.7	3.49	6.51	3.25	YES
L0001700	0	0.75390E-07	480524.7	3774154.3	361.0	3.49	6.51	3.25	YES
L0001701	0	0.75390E-07	480538.7	3774153.2	361.0	3.49	6.51	3.25	YES
L0001702	0	0.75390E-07	480552.6	3774152.1	361.1	3.49	6.51	3.25	YES
L0001703	0	0.75390E-07	480566.6	3774151.0	361.6	3.49	6.51	3.25	YES
L0001704	0	0.75390E-07	480580.5	3774149.9	362.0	3.49	6.51	3.25	YES
L0001705	0	0.75390E-07	480594.5	3774148.9	362.0	3.49	6.51	3.25	YES
L0001706	0	0.75390E-07	480608.5	3774147.8	362.0	3.49	6.51	3.25	YES
L0001707	0	0.75390E-07	480622.4	3774146.7	362.0	3.49	6.51	3.25	YES
L0001708	0	0.75390E-07	480636.4	3774145.6	362.0	3.49	6.51	3.25	YES
L0001709	0	0.75390E-07	480650.3	3774144.6	362.2	3.49	6.51	3.25	YES
L0001710	0	0.75390E-07	480664.3	3774143.5	362.6	3.49	6.51	3.25	YES
L0001711	0	0.75390E-07	480678.3	3774142.4	362.9	3.49	6.51	3.25	YES
L0001712	0	0.75390E-07	480692.2	3774141.3	363.0	3.49	6.51	3.25	YES
L0001713	0	0.75390E-07	480706.2	3774140.2	363.0	3.49	6.51	3.25	YES
L0001714	0	0.75390E-07	480720.1	3774139.2	363.0	3.49	6.51	3.25	YES
L0001715	0	0.75390E-07	480734.1	3774138.1	363.1	3.49	6.51	3.25	YES
L0001716	0	0.63160E-07	480749.0	3774137.6	363.6	3.49	6.51	3.25	YES
L0001717	0	0.63160E-07	480763.0	3774136.3	364.0	3.49	6.51	3.25	YES
L0001718	0	0.63160E-07	480776.9	3774135.1	364.0	3.49	6.51	3.25	

YES
L0001719 0 0.63160E-07 480790.9 3774133.8 364.0 3.49 6.51 3.25
YES
L0001720 0 0.63160E-07 480804.8 3774132.6 364.0 3.49 6.51 3.25
YES
L0001721 0 0.63160E-07 480818.8 3774131.3 364.0 3.49 6.51 3.25
YES
L0001722 0 0.63160E-07 480832.7 3774130.1 364.1 3.49 6.51 3.25
YES
L0001723 0 0.63160E-07 480846.6 3774128.8 364.2 3.49 6.51 3.25
YES
L0001724 0 0.63160E-07 480860.6 3774127.6 364.5 3.49 6.51 3.25
YES
L0001725 0 0.63160E-07 480874.5 3774126.3 364.9 3.49 6.51 3.25
YES
L0001726 0 0.63160E-07 480888.5 3774125.0 365.0 3.49 6.51 3.25
YES
L0001727 0 0.63160E-07 480902.4 3774123.8 365.0 3.49 6.51 3.25
YES
L0001728 0 0.63160E-07 480916.4 3774122.5 365.0 3.49 6.51 3.25
YES
L0001729 0 0.63160E-07 480930.3 3774121.3 365.0 3.49 6.51 3.25
YES
L0001730 0 0.63160E-07 480944.3 3774120.0 365.2 3.49 6.51 3.25
YES
L0001731 0 0.63160E-07 480958.2 3774118.9 365.6 3.49 6.51 3.25
YES
L0001732 0 0.63160E-07 480972.2 3774117.8 366.0 3.49 6.51 3.25
YES
L0001733 0 0.63160E-07 480986.1 3774116.8 366.0 3.49 6.51 3.25
YES
L0001734 0 0.63160E-07 481000.1 3774115.7 366.0 3.49 6.51 3.25
YES
L0001735 0 0.63160E-07 481014.1 3774114.7 366.0 3.49 6.51 3.25
YES
L0001736 0 0.63160E-07 481028.0 3774113.6 366.0 3.49 6.51 3.25
YES
L0001737 0 0.63160E-07 481042.0 3774112.6 366.4 3.49 6.51 3.25
YES
L0001738 0 0.63160E-07 481055.9 3774111.5 366.9 3.49 6.51 3.25
YES
L0001739 0 0.63160E-07 481069.9 3774110.5 367.0 3.49 6.51 3.25
YES
L0001740 0 0.63160E-07 481083.9 3774109.4 367.0 3.49 6.51 3.25
YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ
L0001741	0	0.63160E-07	481097.8	3774108.4	367.0	3.49	6.51	3.25

YES
L0001742 0 0.63160E-07 481111.8 3774107.4 367.0 3.49 6.51 3.25
YES
L0001743 0 0.63160E-07 481125.7 3774106.3 367.2 3.49 6.51 3.25
YES
L0001744 0 0.63160E-07 481139.7 3774105.3 367.7 3.49 6.51 3.25
YES
L0001745 0 0.63160E-07 481153.7 3774104.9 368.0 3.49 6.51 3.25
YES
L0001746 0 0.63160E-07 481167.6 3774106.1 368.0 3.49 6.51 3.25
YES
L0001747 0 0.63160E-07 481181.6 3774107.2 368.0 3.49 6.51 3.25
YES
L0001748 0 0.63160E-07 481195.5 3774108.3 368.0 3.49 6.51 3.25
YES
L0001749 0 0.63160E-07 481209.5 3774109.4 368.0 3.49 6.51 3.25
YES
L0001750 0 0.63160E-07 481223.4 3774110.6 368.4 3.49 6.51 3.25
YES
L0001751 0 0.63160E-07 481237.4 3774111.6 368.9 3.49 6.51 3.25
YES
L0001752 0 0.63160E-07 481251.4 3774112.6 369.0 3.49 6.51 3.25
YES
L0001753 0 0.63160E-07 481265.3 3774113.5 369.0 3.49 6.51 3.25
YES
L0001754 0 0.63160E-07 481279.3 3774114.5 369.0 3.49 6.51 3.25
YES
L0001755 0 0.63160E-07 481293.3 3774115.5 369.0 3.49 6.51 3.25
YES
L0001756 0 0.63160E-07 481307.2 3774116.5 369.2 3.49 6.51 3.25
YES
L0001757 0 0.63160E-07 481321.2 3774117.4 369.7 3.49 6.51 3.25
YES
L0001758 0 0.63160E-07 481335.2 3774118.4 370.0 3.49 6.51 3.25
YES
L0001759 0 0.63160E-07 481349.1 3774119.4 370.0 3.49 6.51 3.25
YES
L0001760 0 0.63160E-07 481363.1 3774120.4 370.0 3.49 6.51 3.25
YES
L0001761 0 0.63160E-07 481377.1 3774121.4 370.0 3.49 6.51 3.25
YES
L0001762 0 0.63160E-07 481391.0 3774122.3 370.0 3.49 6.51 3.25
YES
L0001763 0 0.63160E-07 481405.0 3774123.3 370.5 3.49 6.51 3.25
YES
L0001764 0 0.63160E-07 481418.9 3774124.3 371.0 3.49 6.51 3.25
YES
L0001765 0 0.63160E-07 481432.9 3774125.3 371.0 3.49 6.51 3.25
YES
L0001766 0 0.63160E-07 481446.9 3774126.2 371.0 3.49 6.51 3.25
YES
L0001767 0 0.63160E-07 481460.8 3774127.2 371.1 3.49 6.51 3.25
YES
L0001768 0 0.63160E-07 481474.8 3774128.2 371.2 3.49 6.51 3.25
YES
L0001769 0 0.63160E-07 481488.8 3774129.2 371.5 3.49 6.51 3.25
YES
L0001770 0 0.63160E-07 481502.7 3774130.1 371.8 3.49 6.51 3.25
YES
L0001771 0 0.63160E-07 481516.7 3774131.4 372.0 3.49 6.51 3.25
YES
L0001772 0 0.63160E-07 481530.6 3774132.6 372.0 3.49 6.51 3.25
YES
L0001773 0 0.63160E-07 481544.6 3774133.8 372.0 3.49 6.51 3.25
YES
L0001774 0 0.63160E-07 481558.5 3774135.0 372.0 3.49 6.51 3.25

YES
L0001775 0 0.63160E-07 481572.5 3774136.2 372.1 3.49 6.51 3.25
YES
L0001776 0 0.63160E-07 481586.4 3774137.4 372.6 3.49 6.51 3.25
YES
L0001777 0 0.63160E-07 481600.4 3774138.6 373.0 3.49 6.51 3.25
YES
L0001778 0 0.63160E-07 481614.3 3774139.8 373.4 3.49 6.51 3.25
YES
L0001779 0 0.63160E-07 481628.3 3774141.0 373.8 3.49 6.51 3.25
YES
L0001780 0 0.63160E-07 481642.2 3774142.2 373.9 3.49 6.51 3.25
YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ
L0001781	0	0.63160E-07	481656.2	3774143.5	374.0	3.49	6.51	3.25
YES								
L0001782	0	0.63160E-07	481670.1	3774144.7	374.0	3.49	6.51	3.25
YES								
L0001783	0	0.63160E-07	481684.1	3774145.9	374.0	3.49	6.51	3.25
YES								
L0001784	0	0.63160E-07	481698.0	3774147.1	374.2	3.49	6.51	3.25
YES								
L0001785	0	0.63160E-07	481712.0	3774148.3	374.4	3.49	6.51	3.25
YES								
L0001786	0	0.47000E-08	481727.8	3774151.1	374.6	3.49	6.51	3.25
YES								
L0001787	0	0.47000E-08	481741.7	3774152.3	374.9	3.49	6.51	3.25
YES								
L0001788	0	0.47000E-08	481755.7	3774153.5	375.0	3.49	6.51	3.25
YES								
L0001789	0	0.47000E-08	481769.6	3774154.7	375.0	3.49	6.51	3.25
YES								
L0001790	0	0.47000E-08	481783.5	3774155.9	375.0	3.49	6.51	3.25
YES								
L0001791	0	0.47000E-08	481797.5	3774157.1	375.2	3.49	6.51	3.25
YES								
L0001792	0	0.47000E-08	481811.4	3774158.3	375.3	3.49	6.51	3.25
YES								
L0001793	0	0.47000E-08	481825.4	3774159.5	375.6	3.49	6.51	3.25
YES								
L0001794	0	0.47000E-08	481839.3	3774160.7	376.0	3.49	6.51	3.25
YES								
L0001795	0	0.47000E-08	481853.3	3774161.9	376.0	3.49	6.51	3.25
YES								
L0001796	0	0.47000E-08	481867.2	3774163.0	376.0	3.49	6.51	3.25
YES								
L0001797	0	0.47000E-08	481881.2	3774164.2	376.0	3.49	6.51	3.25

YES
L0001798 0 0.47000E-08 481895.1 3774165.4 376.0 3.49 6.51 3.25
YES
L0001799 0 0.47000E-08 481909.1 3774166.6 376.3 3.49 6.51 3.25
YES
L0001800 0 0.47000E-08 481923.0 3774167.8 376.7 3.49 6.51 3.25
YES
L0001801 0 0.47000E-08 481937.0 3774169.0 376.9 3.49 6.51 3.25
YES
L0001802 0 0.47000E-08 481950.9 3774170.2 377.0 3.49 6.51 3.25
YES
L0001803 0 0.47000E-08 481964.9 3774171.4 377.0 3.49 6.51 3.25
YES
L0001804 0 0.47000E-08 481978.8 3774172.6 377.0 3.49 6.51 3.25
YES
L0001805 0 0.47000E-08 481992.8 3774173.8 377.0 3.49 6.51 3.25
YES
L0001806 0 0.47000E-08 482006.7 3774175.0 377.0 3.49 6.51 3.25
YES
L0001807 0 0.47000E-08 482020.7 3774176.2 377.0 3.49 6.51 3.25
YES
L0001808 0 0.47000E-08 482034.6 3774177.4 377.3 3.49 6.51 3.25
YES
L0001809 0 0.47000E-08 482048.6 3774178.6 377.6 3.49 6.51 3.25
YES
L0001810 0 0.47000E-08 482062.5 3774179.8 377.7 3.49 6.51 3.25
YES
L0001811 0 0.47000E-08 482076.5 3774181.0 377.9 3.49 6.51 3.25
YES
L0001812 0 0.47000E-08 482090.4 3774182.2 378.0 3.49 6.51 3.25
YES
L0001813 0 0.47000E-08 482104.4 3774183.4 378.0 3.49 6.51 3.25
YES
L0001814 0 0.47000E-08 482118.3 3774184.6 378.0 3.49 6.51 3.25
YES
L0001815 0 0.47000E-08 482132.3 3774185.8 378.0 3.49 6.51 3.25
YES
L0001816 0 0.47000E-08 482146.2 3774187.0 378.2 3.49 6.51 3.25
YES
L0001817 0 0.47000E-08 482160.2 3774188.2 378.7 3.49 6.51 3.25
YES
L0001818 0 0.47000E-08 482174.1 3774189.3 379.0 3.49 6.51 3.25
YES
L0001819 0 0.47000E-08 482188.1 3774190.5 379.0 3.49 6.51 3.25
YES
L0001820 0 0.47000E-08 482202.0 3774191.7 379.1 3.49 6.51 3.25
YES

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY

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L0001821	0	0.47000E-08	482216.0	3774192.8	379.5	3.49	6.51	3.25
YES								
L0001822	0	0.47000E-08	482229.9	3774194.0	380.0	3.49	6.51	3.25
YES								
L0001823	0	0.47000E-08	482243.9	3774195.1	380.0	3.49	6.51	3.25
YES								
L0001824	0	0.47000E-08	482257.8	3774196.3	380.0	3.49	6.51	3.25
YES								
L0001825	0	0.47000E-08	482271.8	3774197.4	380.4	3.49	6.51	3.25
YES								
L0001826	0	0.47000E-08	482285.7	3774198.6	380.9	3.49	6.51	3.25
YES								
L0001827	0	0.47000E-08	482299.7	3774199.8	381.0	3.49	6.51	3.25
YES								
L0001828	0	0.47000E-08	482313.7	3774200.7	381.0	3.49	6.51	3.25
YES								
L0001829	0	0.47000E-08	482327.6	3774201.6	381.0	3.49	6.51	3.25
YES								
L0001830	0	0.47000E-08	482341.6	3774202.5	381.0	3.49	6.51	3.25
YES								
L0001831	0	0.47000E-08	482355.6	3774203.3	381.2	3.49	6.51	3.25
YES								
L0001832	0	0.47000E-08	482369.5	3774204.2	381.7	3.49	6.51	3.25
YES								
L0001833	0	0.47000E-08	482383.5	3774205.0	382.0	3.49	6.51	3.25
YES								
L0001834	0	0.47000E-08	482397.5	3774205.9	382.0	3.49	6.51	3.25
YES								
L0001835	0	0.47000E-08	482411.5	3774206.8	382.0	3.49	6.51	3.25
YES								
L0001836	0	0.47000E-08	482425.4	3774207.6	382.0	3.49	6.51	3.25
YES								
L0001837	0	0.47000E-08	482439.4	3774208.5	382.0	3.49	6.51	3.25
YES								
L0001838	0	0.47000E-08	482453.4	3774209.4	382.0	3.49	6.51	3.25
YES								
L0001839	0	0.47000E-08	482467.4	3774209.6	382.0	3.49	6.51	3.25
YES								
L0001840	0	0.47000E-08	482481.4	3774209.6	382.4	3.49	6.51	3.25
YES								
L0001841	0	0.47000E-08	482495.4	3774209.6	382.9	3.49	6.51	3.25
YES								
L0001842	0	0.47000E-08	482509.4	3774209.6	383.0	3.49	6.51	3.25
YES								
L0001843	0	0.47000E-08	482523.4	3774209.6	383.0	3.49	6.51	3.25
YES								
L0001844	0	0.47000E-08	482537.4	3774209.6	383.0	3.49	6.51	3.25
YES								
L0001845	0	0.47000E-08	482551.4	3774209.6	383.0	3.49	6.51	3.25
YES								
L0001846	0	0.47000E-08	482565.4	3774209.6	383.2	3.49	6.51	3.25
YES								
L0001847	0	0.47000E-08	482579.4	3774209.6	383.7	3.49	6.51	3.25
YES								
L0001848	0	0.47000E-08	482593.4	3774209.6	384.0	3.49	6.51	3.25
YES								
L0001849	0	0.47000E-08	482607.4	3774209.6	384.0	3.49	6.51	3.25
YES								
L0001850	0	0.47000E-08	482621.4	3774209.6	384.0	3.49	6.51	3.25
YES								
L0001851	0	0.47000E-08	482635.4	3774209.6	384.0	3.49	6.51	3.25
YES								
L0001852	0	0.47000E-08	482649.4	3774209.6	384.0	3.49	6.51	3.25
YES								
L0001853	0	0.47000E-08	482663.4	3774209.6	384.4	3.49	6.51	3.25

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	SCALAR VARY BY
L0001854	0	0.47000E-08	482677.3	3774207.8	384.9	3.49	6.51	3.25	YES
L0001855	0	0.47000E-08	482691.1	3774206.0	385.0	3.49	6.51	3.25	YES
L0001856	0	0.47000E-08	482705.0	3774204.1	385.0	3.49	6.51	3.25	YES
L0001857	0	0.47000E-08	482718.9	3774202.3	385.3	3.49	6.51	3.25	YES
L0001858	0	0.47000E-08	482732.8	3774200.5	385.8	3.49	6.51	3.25	YES
L0001859	0	0.47000E-08	482746.7	3774198.6	386.0	3.49	6.51	3.25	YES
L0001860	0	0.47000E-08	482760.5	3774196.8	386.0	3.49	6.51	3.25	YES
L0001861	0	0.47000E-08	482774.3	3774194.5	386.2	3.49	6.51	3.25	YES
L0001862	0	0.47000E-08	482788.1	3774191.9	386.7	3.49	6.51	3.25	YES
L0001863	0	0.47000E-08	482801.8	3774189.3	387.0	3.49	6.51	3.25	YES
L0001864	0	0.47000E-08	482815.6	3774186.7	387.0	3.49	6.51	3.25	YES
L0001865	0	0.47000E-08	482829.4	3774184.1	387.0	3.49	6.51	3.25	YES
L0001866	0	0.47000E-08	482843.1	3774181.5	387.4	3.49	6.51	3.25	YES
L0001867	0	0.47000E-08	482856.9	3774178.8	387.9	3.49	6.51	3.25	YES
L0001868	0	0.47000E-08	482870.6	3774176.1	388.0	3.49	6.51	3.25	YES
L0001869	0	0.47000E-08	482884.3	3774173.3	388.0	3.49	6.51	3.25	YES
L0001870	0	0.47000E-08	482898.0	3774170.6	388.2	3.49	6.51	3.25	YES
L0001871	0	0.47000E-08	482911.8	3774167.8	388.7	3.49	6.51	3.25	YES
L0001872	0	0.75320E-08	480741.6	3774119.2	363.4	3.49	6.51	3.25	YES
L0001873	0	0.75320E-08	480741.5	3774105.2	363.4	3.49	6.51	3.25	YES
L0001874	0	0.75320E-08	480741.4	3774091.2	363.4	3.49	6.51	3.25	YES
L0001875	0	0.75320E-08	480741.3	3774077.2	363.4	3.49	6.51	3.25	YES
L0001876	0	0.75320E-08	480741.2	3774063.2	363.7	3.49	6.51	3.25	

YES								
L0001877	0	0.75320E-08	480741.2	3774049.2	363.9	3.49	6.51	3.25
YES								
L0001878	0	0.75320E-08	480741.1	3774035.2	364.0	3.49	6.51	3.25
YES								
L0001879	0	0.75320E-08	480741.0	3774021.2	364.0	3.49	6.51	3.25
YES								
L0001880	0	0.75320E-08	480740.9	3774007.2	364.1	3.49	6.51	3.25
YES								
L0001881	0	0.75320E-08	480740.8	3773993.2	364.3	3.49	6.51	3.25
YES								
L0001882	0	0.75320E-08	480740.7	3773979.2	364.5	3.49	6.51	3.25
YES								
L0001883	0	0.75320E-08	480740.6	3773965.2	364.8	3.49	6.51	3.25
YES								
L0001884	0	0.75320E-08	480740.6	3773951.2	365.1	3.49	6.51	3.25
YES								
L0001885	0	0.75320E-08	480740.5	3773937.2	365.2	3.49	6.51	3.25
YES								
L0001886	0	0.75320E-08	480740.4	3773923.2	365.4	3.49	6.51	3.25
YES								
L0001887	0	0.75320E-08	480740.3	3773909.2	365.4	3.49	6.51	3.25
YES								
L0001888	0	0.75320E-08	480740.2	3773895.2	365.3	3.49	6.51	3.25
YES								
L0001889	0	0.75320E-08	480740.1	3773881.2	365.3	3.49	6.51	3.25
YES								
L0001890	0	0.75320E-08	480740.1	3773867.2	365.3	3.49	6.51	3.25
YES								
L0001891	0	0.75320E-08	480740.0	3773853.2	365.3	3.49	6.51	3.25
YES								
L0001892	0	0.75320E-08	480739.9	3773839.2	365.3	3.49	6.51	3.25
YES								
L0001893	0	0.75320E-08	480739.8	3773825.2	365.3	3.49	6.51	3.25
YES								
L0001894	0	0.75320E-08	480739.7	3773811.2	365.3	3.49	6.51	3.25
YES								
L0001895	0	0.75320E-08	480739.6	3773797.2	365.3	3.49	6.51	3.25
YES								
L0001896	0	0.75320E-08	480739.5	3773783.2	365.3	3.49	6.51	3.25
YES								
L0001897	0	0.75320E-08	480739.6	3773769.2	365.3	3.49	6.51	3.25
YES								
L0001898	0	0.75320E-08	480739.9	3773755.2	365.3	3.49	6.51	3.25
YES								
L0001899	0	0.75320E-08	480740.2	3773741.2	365.3	3.49	6.51	3.25
YES								
L0001900	0	0.75320E-08	480740.5	3773727.2	365.4	3.49	6.51	3.25
YES								

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART. SCALAR VARY BY	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)

- - - -

YES
L0001933 0 0.46900E-08 480743.7 3774351.2 363.0 3.49 6.51 3.25
YES
L0001934 0 0.46900E-08 480743.7 3774365.2 363.0 3.49 6.51 3.25
YES
L0001935 0 0.46900E-08 480743.8 3774379.2 363.0 3.49 6.51 3.25
YES
L0001936 0 0.46900E-08 480744.0 3774393.2 363.0 3.49 6.51 3.25
YES
L0001937 0 0.46900E-08 480744.1 3774407.2 363.0 3.49 6.51 3.25
YES
L0001938 0 0.46900E-08 480744.2 3774421.2 363.0 3.49 6.51 3.25
YES
L0001939 0 0.46900E-08 480744.3 3774435.2 363.0 3.49 6.51 3.25
YES
L0001940 0 0.46900E-08 480744.4 3774449.2 363.0 3.49 6.51 3.25
YES

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ
L0001941	0	0.46900E-08	480744.5	3774463.2	363.0	3.49	6.51	3.25
YES								
L0001942	0	0.46900E-08	480744.6	3774477.2	363.2	3.49	6.51	3.25
YES								
L0001943	0	0.46900E-08	480744.7	3774491.2	363.4	3.49	6.51	3.25
YES								
L0001944	0	0.46900E-08	480744.8	3774505.2	363.5	3.49	6.51	3.25
YES								
L0001945	0	0.46900E-08	480745.0	3774519.2	363.5	3.49	6.51	3.25
YES								
L0001946	0	0.46900E-08	480745.1	3774533.2	363.5	3.49	6.51	3.25
YES								
L0001947	0	0.46900E-08	480745.2	3774547.2	363.5	3.49	6.51	3.25
YES								
L0001948	0	0.46900E-08	480745.3	3774561.2	363.6	3.49	6.51	3.25
YES								
L0001949	0	0.46900E-08	480745.4	3774575.2	363.8	3.49	6.51	3.25
YES								
L0001950	0	0.46900E-08	480745.5	3774589.2	364.0	3.49	6.51	3.25
YES								
L0001951	0	0.46900E-08	480745.6	3774603.2	364.0	3.49	6.51	3.25
YES								
L0001952	0	0.46900E-08	480745.7	3774617.2	364.0	3.49	6.51	3.25
YES								
L0001953	0	0.46900E-08	480745.9	3774631.2	364.0	3.49	6.51	3.25
YES								
L0001954	0	0.46900E-08	480746.1	3774645.2	364.0	3.49	6.51	3.25
YES								
L0001955	0	0.46900E-08	480746.2	3774659.2	364.0	3.49	6.51	3.25

YES								
L0001956	0	0.46900E-08	480746.4	3774673.1	364.0	3.49	6.51	3.25
YES								
L0001957	0	0.46900E-08	480746.5	3774687.1	364.0	3.49	6.51	3.25
YES								
L0001958	0	0.46900E-08	480746.7	3774701.1	364.0	3.49	6.51	3.25
YES								
L0001959	0	0.46900E-08	480746.8	3774715.1	364.0	3.49	6.51	3.25
YES								
L0001960	0	0.46900E-08	480747.0	3774729.1	364.0	3.49	6.51	3.25
YES								
VOL1	0	0.89998E-03	477661.3	3774242.4	337.0	5.00	12.57	1.40
YES HRDOW								
VOL2	0	0.89998E-03	477716.5	3774243.7	337.0	5.00	12.57	1.40
YES HRDOW								
VOL3	0	0.89998E-03	477770.7	3774244.9	338.0	5.00	12.57	1.40
YES HRDOW								
VOL4	0	0.89998E-03	477824.9	3774246.0	338.0	5.00	12.57	1.40
YES HRDOW								
VOL5	0	0.89998E-03	477878.7	3774247.2	338.7	5.00	12.57	1.40
YES HRDOW								
VOL6	0	0.89998E-03	477932.6	3774249.5	339.0	5.00	12.57	1.40
YES HRDOW								
VOL7	0	0.89998E-03	477986.4	3774250.2	339.6	5.00	12.57	1.40
YES HRDOW								

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	L0000981 , L0000982 , L0000983 , L0000984 , L0000985 , L0000986 , L0000987 , L0000988 ,
	L0000989 , L0000990 , L0000991 , L0000992 , L0000993 , L0000994 , L0000995 , L0000996 ,
	L0000997 , L0000998 , L0000999 , L0001000 , L0001001 , L0001002 , L0001003 , L0001004 ,
	L0001005 , L0001006 , L0001007 , L0001008 , L0001009 , L0001010 , L0001011 , L0001012 ,
	L0001013 , L0001014 , L0001015 , L0001016 , L0001017 , L0001018 , L0001019 , L0001020 ,
	L0001021 , L0001022 , L0001023 , L0001024 , L0001025 , L0001026 , L0001027 , L0001028 ,
	L0001029 , L0001030 , L0001031 , L0001032 , L0001033 , L0001034 , L0001035 , L0001036 ,
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L0001107 , L0001108 ,

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L0001115 , L0001116 ,

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L0001131 , L0001132 ,

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L0001139 , L0001140 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
	L0001141 , L0001142 , L0001143 , L0001144 , L0001145 , L0001146 , L0001147 , L0001148 ,
	L0001149 , L0001150 , L0001151 , L0001152 , L0001153 , L0001154 , L0001155 , L0001156 ,
	L0001157 , L0001158 , L0001159 , L0001160 , L0001161 , L0001162 , L0001163 , L0001164 ,
	L0001165 , L0001166 , L0001167 , L0001168 , L0001169 , L0001170 , L0001171 , L0001172 ,
	L0001173 , L0001174 , L0001175 , L0001176 , L0001177 , L0001178 , L0001179 , L0001180 ,
	L0001181 , L0001182 , L0001183 , L0001184 , L0001185 , L0001186 , L0001187 , L0001188 ,

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L0001299 , L0001300 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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	L0001309 , L0001310 , L0001311 , L0001312 , L0001313 , L0001314 , L0001315 , L0001316 ,
	L0001317 , L0001318 , L0001319 , L0001320 , L0001321 , L0001322 , L0001323 , L0001324 ,
	L0001325 , L0001326 , L0001327 , L0001328 , L0001329 , L0001330 ,

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L0001333 , L0001334 , L0001335 , L0001336 , L0001337 , L0001338 ,
L0001339 , L0001340 ,

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L0001459 , L0001460 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

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L0001611 , L0001612 ,

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L0001619 , L0001620 ,

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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	L0001637 , L0001638 , L0001639 , L0001640 , L0001641 , L0001642 , L0001643 , L0001644 ,
	L0001645 , L0001646 , L0001647 , L0001648 , L0001649 , L0001650 , L0001651 , L0001652 ,
	L0001653 , L0001654 , L0001655 , L0001656 , L0001657 , L0001658 , L0001659 , L0001660 ,
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	L0001733 , L0001734 , L0001735 , L0001736 , L0001737 , L0001738 , L0001739 , L0001740 ,
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	L0001773 , L0001774 , L0001775 , L0001776 , L0001777 , L0001778 , L0001779 , L0001780 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
	L0001781 , L0001782 , L0001783 , L0001784 , L0001785 , L0001786 , L0001787 , L0001788 ,
	L0001789 , L0001790 , L0001791 , L0001792 , L0001793 , L0001794 , L0001795 , L0001796 ,
	L0001797 , L0001798 , L0001799 , L0001800 , L0001801 , L0001802 , L0001803 , L0001804 ,
	L0001805 , L0001806 , L0001807 , L0001808 , L0001809 , L0001810 , L0001811 , L0001812 ,
	L0001813 , L0001814 , L0001815 , L0001816 , L0001817 , L0001818 , L0001819 , L0001820 ,
	L0001821 , L0001822 , L0001823 , L0001824 , L0001825 , L0001826 , L0001827 , L0001828 ,
	L0001829 , L0001830 , L0001831 , L0001832 , L0001833 , L0001834 , L0001835 , L0001836 ,
	L0001837 , L0001838 , L0001839 , L0001840 , L0001841 , L0001842 , L0001843 , L0001844 ,
	L0001845 , L0001846 , L0001847 , L0001848 , L0001849 , L0001850 , L0001851 , L0001852 ,
	L0001853 , L0001854 , L0001855 , L0001856 , L0001857 , L0001858 , L0001859 , L0001860 ,
	L0001861 , L0001862 , L0001863 , L0001864 , L0001865 , L0001866 , L0001867 , L0001868 ,
	L0001869 , L0001870 , L0001871 , L0001872 , L0001873 , L0001874 , L0001875 , L0001876 ,
	L0001877 , L0001878 , L0001879 , L0001880 , L0001881 , L0001882 , L0001883 , L0001884 ,
	L0001885 , L0001886 , L0001887 , L0001888 , L0001889 , L0001890 , L0001891 , L0001892 ,
	L0001893 , L0001894 , L0001895 , L0001896 , L0001897 , L0001898 , L0001899 , L0001900 ,
	L0001901 , L0001902 , L0001903 , L0001904 , L0001905 , L0001906 , L0001907 , L0001908 ,
	L0001909 , L0001910 , L0001911 , L0001912 , L0001913 , L0001914 , L0001915 , L0001916 ,
	L0001917 , L0001918 , L0001919 , L0001920 , L0001921 , L0001922 ,

L0001923 , L0001924 ,

L0001925 , L0001926 , L0001927 , L0001928 , L0001929 , L0001930 ,
L0001931 , L0001932 ,

L0001933 , L0001934 , L0001935 , L0001936 , L0001937 , L0001938 ,
L0001939 , L0001940 ,

FF *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and Sterling\14057 Op *** 11/07/23
*** AERMET - VERSION 16216 ***
*** *** 10:30:11

PAGE 34
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID SOURCE IDs
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L0001941 , L0001942 , L0001943 , L0001944 , L0001945 , L0001946 ,
L0001947 , L0001948 ,

L0001949 , L0001950 , L0001951 , L0001952 , L0001953 , L0001954 ,
L0001955 , L0001956 ,

L0001957 , L0001958 , L0001959 , L0001960 , STCK1 , VOL1 ,
VOL2 , VOL3 ,

VOL4 , VOL5 , VOL6 , VOL7 ,
FF *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and Sterling\14057 Op *** 11/07/23
*** AERMET - VERSION 16216 ***
*** *** 10:30:11

PAGE 35
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID URBAN POP SOURCE IDs
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2035210. L0000981 , L0000982 , L0000983 , L0000984 , L0000985 ,
L0000986 , L0000987 ,
L0000988 ,

L0000989 , L0000990 , L0000991 , L0000992 , L0000993 , L0000994 ,
L0000995 , L0000996 ,

L0000997 , L0000998 , L0000999 , L0001000 , L0001001 , L0001002 ,
L0001003 , L0001004 ,

L0001005 , L0001006 , L0001007 , L0001008 , L0001009 , L0001010 ,
L0001011 , L0001012 ,

L0001013 , L0001014 , L0001015 , L0001016 , L0001017 , L0001018 ,
L0001019 , L0001020 ,

L0001021 , L0001022 , L0001023 , L0001024 , L0001025 , L0001026 ,
L0001027 , L0001028 ,

L0001029 , L0001030 , L0001031 , L0001032 , L0001033 , L0001034 ,
L0001035 , L0001036 ,

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L0001059 , L0001060 ,

L0001061 , L0001062 , L0001063 , L0001064 , L0001065 , L0001066 ,
L0001067 , L0001068 ,

L0001069 , L0001070 , L0001071 , L0001072 , L0001073 , L0001074 ,
L0001075 , L0001076 ,

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L0001083 , L0001084 ,

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L0001091 , L0001092 ,

L0001093 , L0001094 , L0001095 , L0001096 , L0001097 , L0001098 ,
L0001099 , L0001100 ,

L0001101 , L0001102 , L0001103 , L0001104 , L0001105 , L0001106 ,
L0001107 , L0001108 ,

L0001109 , L0001110 , L0001111 , L0001112 , L0001113 , L0001114 ,
L0001115 , L0001116 ,

L0001117 , L0001118 , L0001119 , L0001120 , L0001121 , L0001122 ,
L0001123 , L0001124 ,

L0001125 , L0001126 , L0001127 , L0001128 , L0001129 , L0001130 ,
L0001131 , L0001132 ,

L0001133 , L0001134 , L0001135 , L0001136 , L0001137 , L0001138 ,
L0001139 , L0001140 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

L0001141 , L0001142 , L0001143 , L0001144 , L0001145 , L0001146 ,
L0001147 , L0001148 ,

L0001149 , L0001150 , L0001151 , L0001152 , L0001153 , L0001154 ,
L0001155 , L0001156 ,

L0001157 , L0001158 , L0001159 , L0001160 , L0001161 , L0001162 ,
L0001163 , L0001164 ,

L0001165 , L0001166 , L0001167 , L0001168 , L0001169 , L0001170 ,

L0001171 , L0001172 ,

L0001173 , L0001174 , L0001175 , L0001176 , L0001177 , L0001178 ,
L0001179 , L0001180 ,

L0001181 , L0001182 , L0001183 , L0001184 , L0001185 , L0001186 ,
L0001187 , L0001188 ,

L0001189 , L0001190 , L0001191 , L0001192 , L0001193 , L0001194 ,
L0001195 , L0001196 ,

L0001197 , L0001198 , L0001199 , L0001200 , L0001201 , L0001202 ,
L0001203 , L0001204 ,

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L0001211 , L0001212 ,

L0001213 , L0001214 , L0001215 , L0001216 , L0001217 , L0001218 ,
L0001219 , L0001220 ,

L0001221 , L0001222 , L0001223 , L0001224 , L0001225 , L0001226 ,
L0001227 , L0001228 ,

L0001229 , L0001230 , L0001231 , L0001232 , L0001233 , L0001234 ,
L0001235 , L0001236 ,

L0001237 , L0001238 , L0001239 , L0001240 , L0001241 , L0001242 ,
L0001243 , L0001244 ,

L0001245 , L0001246 , L0001247 , L0001248 , L0001249 , L0001250 ,
L0001251 , L0001252 ,

L0001253 , L0001254 , L0001255 , L0001256 , L0001257 , L0001258 ,
L0001259 , L0001260 ,

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L0001267 , L0001268 ,

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L0001275 , L0001276 ,

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L0001283 , L0001284 ,

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L0001291 , L0001292 ,

L0001293 , L0001294 , L0001295 , L0001296 , L0001297 , L0001298 ,
L0001299 , L0001300 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

L0001301 , L0001302 , L0001303 , L0001304 , L0001305 , L0001306 ,
L0001307 , L0001308 ,

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L0001315 , L0001316 ,

L0001317 , L0001318 , L0001319 , L0001320 , L0001321 , L0001322 ,
L0001323 , L0001324 ,

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L0001331 , L0001332 ,

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L0001339 , L0001340 ,

L0001341 , L0001342 , L0001343 , L0001344 , L0001345 , L0001346 ,
L0001347 , L0001348 ,

L0001349 , L0001350 , L0001351 , L0001352 , L0001353 , L0001354 ,
L0001355 , L0001356 ,

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L0001363 , L0001364 ,

L0001365 , L0001366 , L0001367 , L0001368 , L0001369 , L0001370 ,
L0001371 , L0001372 ,

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L0001389 , L0001390 , L0001391 , L0001392 , L0001393 , L0001394 ,
L0001395 , L0001396 ,

L0001397 , L0001398 , L0001399 , L0001400 , L0001401 , L0001402 ,
L0001403 , L0001404 ,

L0001405 , L0001406 , L0001407 , L0001408 , L0001409 , L0001410 ,
L0001411 , L0001412 ,

L0001413 , L0001414 , L0001415 , L0001416 , L0001417 , L0001418 ,
L0001419 , L0001420 ,

L0001421 , L0001422 , L0001423 , L0001424 , L0001425 , L0001426 ,
L0001427 , L0001428 ,

L0001429 , L0001430 , L0001431 , L0001432 , L0001433 , L0001434 ,
L0001435 , L0001436 ,

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L0001443 , L0001444 ,

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L0001451 , L0001452 ,

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L0001459 , L0001460 ,

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
		L0001461 , L0001462 , L0001463 , L0001464 , L0001465 , L0001466 , L0001467 , L0001468 ,
		L0001469 , L0001470 , L0001471 , L0001472 , L0001473 , L0001474 , L0001475 , L0001476 ,
		L0001477 , L0001478 , L0001479 , L0001480 , L0001481 , L0001482 , L0001483 , L0001484 ,
		L0001485 , L0001486 , L0001487 , L0001488 , L0001489 , L0001490 , L0001491 , L0001492 ,
		L0001493 , L0001494 , L0001495 , L0001496 , L0001497 , L0001498 , L0001499 , L0001500 ,
		L0001501 , L0001502 , L0001503 , L0001504 , L0001505 , L0001506 , L0001507 , L0001508 ,
		L0001509 , L0001510 , L0001511 , L0001512 , L0001513 , L0001514 , L0001515 , L0001516 ,
		L0001517 , L0001518 , L0001519 , L0001520 , L0001521 , L0001522 , L0001523 , L0001524 ,
		L0001525 , L0001526 , L0001527 , L0001528 , L0001529 , L0001530 , L0001531 , L0001532 ,
		L0001533 , L0001534 , L0001535 , L0001536 , L0001537 , L0001538 , L0001539 , L0001540 ,
		L0001541 , L0001542 , L0001543 , L0001544 , L0001545 , L0001546 , L0001547 , L0001548 ,
		L0001549 , L0001550 , L0001551 , L0001552 , L0001553 , L0001554 , L0001555 , L0001556 ,
		L0001557 , L0001558 , L0001559 , L0001560 , L0001561 , L0001562 , L0001563 , L0001564 ,
		L0001565 , L0001566 , L0001567 , L0001568 , L0001569 , L0001570 , L0001571 , L0001572 ,
		L0001573 , L0001574 , L0001575 , L0001576 , L0001577 , L0001578 , L0001579 , L0001580 ,
		L0001581 , L0001582 , L0001583 , L0001584 , L0001585 , L0001586 , L0001587 , L0001588 ,
		L0001589 , L0001590 , L0001591 , L0001592 , L0001593 , L0001594 , L0001595 , L0001596 ,
		L0001597 , L0001598 , L0001599 , L0001600 , L0001601 , L0001602 , L0001603 , L0001604 ,
		L0001605 , L0001606 , L0001607 , L0001608 , L0001609 , L0001610 , L0001611 , L0001612 ,
		L0001613 , L0001614 , L0001615 , L0001616 , L0001617 , L0001618 , L0001619 , L0001620 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
		L0001621 , L0001622 , L0001623 , L0001624 , L0001625 , L0001626 , L0001627 , L0001628 ,
		L0001629 , L0001630 , L0001631 , L0001632 , L0001633 , L0001634 , L0001635 , L0001636 ,
		L0001637 , L0001638 , L0001639 , L0001640 , L0001641 , L0001642 , L0001643 , L0001644 ,
		L0001645 , L0001646 , L0001647 , L0001648 , L0001649 , L0001650 , L0001651 , L0001652 ,
		L0001653 , L0001654 , L0001655 , L0001656 , L0001657 , L0001658 , L0001659 , L0001660 ,
		L0001661 , L0001662 , L0001663 , L0001664 , L0001665 , L0001666 , L0001667 , L0001668 ,
		L0001669 , L0001670 , L0001671 , L0001672 , L0001673 , L0001674 , L0001675 , L0001676 ,
		L0001677 , L0001678 , L0001679 , L0001680 , L0001681 , L0001682 , L0001683 , L0001684 ,
		L0001685 , L0001686 , L0001687 , L0001688 , L0001689 , L0001690 , L0001691 , L0001692 ,
		L0001693 , L0001694 , L0001695 , L0001696 , L0001697 , L0001698 , L0001699 , L0001700 ,
		L0001701 , L0001702 , L0001703 , L0001704 , L0001705 , L0001706 , L0001707 , L0001708 ,
		L0001709 , L0001710 , L0001711 , L0001712 , L0001713 , L0001714 , L0001715 , L0001716 ,
		L0001717 , L0001718 , L0001719 , L0001720 , L0001721 , L0001722 , L0001723 , L0001724 ,
		L0001725 , L0001726 , L0001727 , L0001728 , L0001729 , L0001730 , L0001731 , L0001732 ,
		L0001733 , L0001734 , L0001735 , L0001736 , L0001737 , L0001738 , L0001739 , L0001740 ,
		L0001741 , L0001742 , L0001743 , L0001744 , L0001745 , L0001746 , L0001747 , L0001748 ,
		L0001749 , L0001750 , L0001751 , L0001752 , L0001753 , L0001754 , L0001755 , L0001756 ,
		L0001757 , L0001758 , L0001759 , L0001760 , L0001761 , L0001762 ,

L0001763 , L0001764 ,

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L0001771 , L0001772 ,

L0001773 , L0001774 , L0001775 , L0001776 , L0001777 , L0001778 ,
L0001779 , L0001780 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

L0001781 , L0001782 , L0001783 , L0001784 , L0001785 , L0001786 ,
L0001787 , L0001788 ,

L0001789 , L0001790 , L0001791 , L0001792 , L0001793 , L0001794 ,
L0001795 , L0001796 ,

L0001797 , L0001798 , L0001799 , L0001800 , L0001801 , L0001802 ,
L0001803 , L0001804 ,

L0001805 , L0001806 , L0001807 , L0001808 , L0001809 , L0001810 ,
L0001811 , L0001812 ,

L0001813 , L0001814 , L0001815 , L0001816 , L0001817 , L0001818 ,
L0001819 , L0001820 ,

L0001821 , L0001822 , L0001823 , L0001824 , L0001825 , L0001826 ,
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L0001829 , L0001830 , L0001831 , L0001832 , L0001833 , L0001834 ,
L0001835 , L0001836 ,

L0001837 , L0001838 , L0001839 , L0001840 , L0001841 , L0001842 ,
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L0001891 , L0001892 ,

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L0001915 , L0001916 ,

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L0001931 , L0001932 ,

L0001933 , L0001934 , L0001935 , L0001936 , L0001937 , L0001938 ,
L0001939 , L0001940 ,

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

L0001941 , L0001942 , L0001943 , L0001944 , L0001945 , L0001946 ,
L0001947 , L0001948 ,

L0001949 , L0001950 , L0001951 , L0001952 , L0001953 , L0001954 ,
L0001955 , L0001956 ,

L0001957 , L0001958 , L0001959 , L0001960 , STCK1 , VOL1 ,
VOL2 , VOL3 ,

VOL4 , VOL5 , VOL6 , VOL7 ,

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL1 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
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 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and Sterling\14057 Op *** 11/07/23
*** AERMET - VERSION 16216 ***
*** *** 10:30:11

PAGE 43
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL2 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

```
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   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 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***        10:30:11

                     PAGE  45
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL4         ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   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 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***        10:30:11

                     PAGE  46
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *
```

SOURCE ID = VOL5 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL6 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL7   ; 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 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(477503.0, 3774328.7, 336.0, 336.0, 0.0); (477503.6, 3774366.3, 336.0, 336.0, 0.0);
(477505.8, 3774423.1, 336.0, 336.0, 0.0); (477480.9, 3774424.7, 336.0, 336.0, 0.0);
(477452.5, 3774421.9, 336.0, 336.0, 0.0); (477428.0, 3774421.9, 336.0, 336.0, 0.0);
(477410.8, 3774421.9, 336.0, 336.0, 0.0); (476711.5, 3774443.3, 331.0, 331.0, 0.0);
(476638.7, 3774423.4, 330.0, 330.0, 0.0); (476532.6, 3774423.8, 329.1, 329.1, 0.0);
(476393.7, 3774421.5, 328.0, 328.0, 0.0); (477121.8, 3774215.8, 332.3, 332.3, 0.0);
(477098.1, 3774154.4, 332.0, 332.0, 0.0); (477117.6, 3774134.6, 332.0, 332.0, 0.0);
(477164.5, 3774218.5, 333.4, 333.4, 0.0); (477166.1, 3774306.9, 333.8, 333.8, 0.0);
(476586.0, 3774180.6, 329.4, 329.4, 0.0); (476555.9, 3774222.3, 329.0, 329.0, 0.0);
(476468.9, 3774177.0, 328.0, 328.0, 0.0); (476389.5, 3774215.9, 328.0, 328.0, 0.0);

(476189.5, 3774218.6, 326.9, 326.9, 0.0); (476083.3, 3774180.4, 326.0, 326.0, 0.0);
(478077.0, 3774359.4, 340.0, 340.0, 0.0); (478134.1, 3774332.4, 341.0, 341.0, 0.0);
(478133.5, 3774380.4, 341.0, 341.0, 0.0); (478150.1, 3774391.9, 341.0, 341.0, 0.0);
(477984.3, 3774451.7, 340.0, 340.0, 0.0); (478108.7, 3774449.6, 340.8, 340.8, 0.0);
(478150.0, 3774480.3, 341.0, 341.0, 0.0); (478206.9, 3774442.6, 341.2, 341.2, 0.0);
(478242.5, 3774430.6, 342.0, 342.0, 0.0); (478346.3, 3774432.7, 342.6, 342.6, 0.0);
(478348.2, 3774385.6, 342.6, 342.6, 0.0); (478350.8, 3774489.9, 342.7, 342.7, 0.0);
(478310.0, 3774485.2, 342.0, 342.0, 0.0); (477488.5, 3774529.5, 336.0, 336.0, 0.0);
(477583.3, 3774571.7, 337.0, 337.0, 0.0); (477607.6, 3774622.3, 337.0, 337.0, 0.0);
(477734.1, 3774622.9, 338.0, 338.0, 0.0); (477919.9, 3774622.3, 339.3, 339.3, 0.0);
(477724.7, 3773945.7, 337.0, 337.0, 0.0); (478134.3, 3774173.7, 340.6, 340.6, 0.0);
(478243.0, 3773918.1, 341.1, 341.1, 0.0); (478266.4, 3774154.7, 342.0, 342.0, 0.0);
(478256.6, 3774234.5, 342.0, 342.0, 0.0); (478344.7, 3774236.1, 342.0, 342.0, 0.0);
(478438.7, 3774231.4, 343.0, 343.0, 0.0); (478366.2, 3774189.5, 342.0, 342.0, 0.0);
(479160.7, 3774261.8, 349.0, 349.0, 0.0); (479239.6, 3774223.9, 349.3, 349.3, 0.0);
(479387.2, 3774230.3, 350.2, 350.2, 0.0); (479746.6, 3774221.2, 353.2, 353.2, 0.0);
(480161.8, 3774208.6, 357.0, 357.0, 0.0); (480252.7, 3774201.1, 358.0, 358.0, 0.0);
(480281.2, 3774152.8, 358.0, 358.0, 0.0); (480763.6, 3774447.3, 363.1, 363.1, 0.0);
(480762.3, 3774719.1, 364.0, 364.0, 0.0); (480720.1, 3774751.3, 364.0, 364.0, 0.0);
(480667.6, 3774695.8, 363.0, 363.0, 0.0); (479743.0, 3774618.0, 355.0, 355.0, 0.0);
(479927.3, 3774618.0, 356.0, 356.0, 0.0); (479754.0, 3774708.8, 355.0, 355.0, 0.0);
(478276.8, 3774298.5, 342.0, 342.0,
0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1

```
           1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1

               NOTE:  METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS
               INCLUDED IN THE DATA FILE.



                                    *** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES
                                    ***
                                                          (METERS/SEC)

                                                      1.54,   3.09,   5.14,   8.23,  10.80,
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       10:30:11

                      PAGE  52
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                    *** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

   Surface file:
   RDLD_V9_ADJU\RDLD_v9.SFC                                                    Met
   Version:  16216
   Profile file:
   RDLD_V9_ADJU\RDLD_v9.PFL
   Surface format:
   FREE

   Profile format:
   FREE

   Surface station no.:     3171                Upper air station no.:     3190
                 Name: UNKNOWN                                 Name:
                 UNKNOWN
                 Year:   2012                                  Year:   2012

 First 24 hours of scalar data
 YR MO DY JDY HR     H0     U*     W*  DT/DZ ZICNV ZIMCH  M-O LEN    Z0  BOWEN ALBEDO  REF WS
 WD     HT  REF TA     HT
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - -
 12 01 01   1 01  -10.6  0.149 -9.000 -9.000 -999.  138.     26.7  0.32   3.22   1.00    1.30
 110.    9.1  285.4    5.5
 12 01 01   1 02   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
 130.    9.1  284.5    5.5
 12 01 01   1 03   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
 100.    9.1  285.0    5.5
 12 01 01   1 04   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
 107.    9.1  284.6    5.5
 12 01 01   1 05  -10.7  0.149 -9.000 -9.000 -999.  138.     26.7  0.32   3.22   1.00    1.30
 98.    9.1  284.9    5.5
 12 01 01   1 06   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
 86.    9.1  284.5    5.5
 12 01 01   1 07   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
 91.    9.1  284.0    5.5
 12 01 01   1 08   -4.0  0.102 -9.000 -9.000 -999.   78.     22.9  0.32   3.22   0.54    0.90
 107.    9.1  285.0    5.5
 12 01 01   1 09   44.6  0.237  0.382  0.006   43.  276.    -25.6  0.15   3.22   0.33    2.10
 81.   10.1  289.1    5.5
 12 01 01   1 10  134.3  0.111  0.882  0.008  176.   99.     -1.0  0.32   3.22   0.26    0.40
 72.    9.1  295.1    5.5
```

```
 12 01 01   1 11  199.8  0.409  1.429  0.005  503.  627.    -29.4  0.15   3.22   0.23    3.68
 78.   10.1  297.9    5.5
 12 01 01   1 12  232.3  0.300  1.889  0.005  999.  402.    -10.0  0.32   3.22   0.22    1.80
 333.    9.1  299.4    5.5
 12 01 01   1 13  230.0  0.300  2.134  0.005 1453.  394.    -10.1  0.32   3.22   0.22    1.80
 72.    9.1  300.4    5.5
 12 01 01   1 14  194.0  0.294  2.109  0.005 1663.  382.    -11.2  0.32   3.22   0.24    1.80
 277.    9.1  301.0    5.5
 12 01 01   1 15  126.3  0.378  1.872  0.005 1784.  557.    -36.5  0.32   3.22   0.27    2.70
 243.    9.1  301.0    5.5
 12 01 01   1 16   39.5  0.199  1.278  0.005 1817.  240.    -17.2  0.32   3.22   0.36    1.30
 274.    9.1  300.1    5.5
 12 01 01   1 17   -4.7  0.101 -9.000 -9.000 -999.   85.     19.0  0.32   3.22   0.65    0.90
 252.    9.1  298.2    5.5
 12 01 01   1 18   -4.9  0.102 -9.000 -9.000 -999.   78.     18.2  0.32   3.22   1.00    0.90
 116.    9.1  296.4    5.5
 12 01 01   1 19  -18.8  0.204 -9.000 -9.000 -999.  220.     45.6  0.15   3.22   1.00    2.27
 79.   10.1  292.2    5.5
 12 01 01   1 20   -5.0  0.102 -9.000 -9.000 -999.   83.     18.1  0.32   3.22   1.00    0.90
 95.    9.1  290.2    5.5
 12 01 01   1 21   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
 99.    9.1  287.8    5.5
 12 01 01   1 22   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
 110.    9.1  287.6    5.5
 12 01 01   1 23  -10.6  0.149 -9.000 -9.000 -999.  138.     26.8  0.32   3.22   1.00    1.30
 89.    9.1  287.2    5.5
 12 01 01   1 24   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
 105.    9.1  285.9    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01    5.5 0 -999.  -99.00   285.5   99.0  -99.00  -99.00
 12 01 01 01    9.1 1  110.    1.30  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        11/07/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        10:30:11

                      PAGE  53
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR
                              SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000981    , L0000982    ,
                                  L0000983    , L0000984    , L0000985    ,
                    L0000986    , L0000987    , L0000988    , L0000989    , L0000990    ,
                    L0000991    , L0000992    , L0000993    ,
                    L0000994    , L0000995    , L0000996    , L0000997    , L0000998    ,
                    L0000999    , L0001000    , L0001001    ,
                    L0001002    , L0001003    , L0001004    , L0001005    , L0001006    ,
                    L0001007    , L0001008    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                      ** CONC OF DPM      IN
                                      MICROGRAMS/M**3                          **

      X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)   Y-COORD
      (M)        CONC
- - - -
```

477505.84 3774423.09 0.00368 477480.94
3774424.68 0.00312
477452.46 3774421.89 0.00265 477427.97
3774421.89 0.00231
477410.84 3774421.89 0.00211 476711.54
3774443.29 0.00033
476638.67 3774423.45 0.00030 476532.60
3774423.83 0.00027
476393.73 3774421.54 0.00023 477121.83
3774215.83 0.00085
477098.13 3774154.38 0.00076 477117.60
3774134.57 0.00077
477164.55 3774218.49 0.00095 477166.14
3774306.89 0.00088
476585.96 3774180.60 0.00040 476555.89
3774222.33 0.00035
476468.87 3774176.96 0.00035 476389.46
3774215.90 0.00033
476189.52 3774218.61 0.00028 476083.35
3774180.39 0.00028
478077.01 3774359.40 0.01121 478134.08
3774332.39 0.00952
478133.53 3774380.36 0.00666 478150.07
3774391.93 0.00567
477984.30 3774451.72 0.00683 478108.73
3774449.61 0.00453
478149.98 3774480.31 0.00325 478206.92
3774442.58 0.00333
478242.54 3774430.63 0.00313 478346.35
3774432.74 0.00227
478348.23 3774385.64 0.00267 478350.81
3774489.92 0.00180
478310.03 3774485.23 0.00202 477488.54
3774529.51 0.00209
477583.26 3774571.67 0.00236 477607.58
3774622.27 0.00198
477734.08 3774622.92 0.00239 477919.94
3774622.27 0.00242
477724.68 3773945.66 0.00348 478134.34
3774173.69 0.01271
478243.00 3773918.09 0.00242 478266.38
3774154.67 0.00558
478256.62 3774234.55 0.00632 478344.67
3774236.14 0.00420
478438.69 3774231.36 0.00309 478366.21
3774189.53 0.00413
479160.72 3774261.80 0.00080 479239.60
3774223.95 0.00107
479387.22 3774230.33 0.00087 479746.64
3774221.22 0.00090
480161.85 3774208.57 0.00071 480252.68
3774201.11 0.00069
480281.23 3774152.78 0.00078 480763.59
3774447.32 0.00025
480762.29 3774719.15 0.00020 480720.12
3774751.27 0.00018
480667.57 3774695.80 0.00018 479742.96
3774617.99 0.00028
479927.31 3774617.99 0.00026 479754.05
3774708.85 0.00026
478276.79 3774298.50
0.00483

FF *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and Sterling\14057 Op *** 11/07/23
*** AERMET - VERSION 16216 ***

*** THE SUMMARY OF MAXIMUM PERIOD (43848 HRS) RESULTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

NETWORK GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
ALL	1ST HIGHEST VALUE IS	0.01271 AT (478134.34, 3774173.69, 340.61, 340.61, 0.00)	DC	
	2ND HIGHEST VALUE IS	0.01121 AT (478077.01, 3774359.40, 340.00, 340.00, 0.00)	DC	
	3RD HIGHEST VALUE IS	0.00952 AT (478134.08, 3774332.39, 341.00, 341.00, 0.00)	DC	
	4TH HIGHEST VALUE IS	0.00683 AT (477984.30, 3774451.72, 340.00, 340.00, 0.00)	DC	
	5TH HIGHEST VALUE IS	0.00666 AT (478133.53, 3774380.36, 341.00, 341.00, 0.00)	DC	
	6TH HIGHEST VALUE IS	0.00632 AT (478256.62, 3774234.55, 342.00, 342.00, 0.00)	DC	
	7TH HIGHEST VALUE IS	0.00567 AT (478150.07, 3774391.93, 341.00, 341.00, 0.00)	DC	
	8TH HIGHEST VALUE IS	0.00558 AT (478266.38, 3774154.67, 341.96, 341.96, 0.00)	DC	
	9TH HIGHEST VALUE IS	0.00524 AT (477503.05, 3774328.69, 336.00, 336.00, 0.00)	DC	
	10TH HIGHEST VALUE IS	0.00483 AT (478276.79, 3774298.50, 342.00, 342.00, 0.00)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** Message Summary : AERMOD Model Execution ***

--------- Summary of Total Messages --------

A Total of 0 Fatal Error Message(s)
A Total of 3 Warning Message(s)
A Total of 388 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 191 Calm Hours Identified

A Total of 197 Missing Hours Identified (0.45 Percent)

```
   ******** FATAL ERROR MESSAGES ********
              ***  NONE  ***


   ********   WARNING MESSAGES   ********
SO W320    2265        PPARM: Input Parameter May Be Out-of-Range for Parameter            VS
ME W186    2430       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
ME W187    2430       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

   ***********************************
   *** AERMOD Finishes Successfully ***
   ***********************************
```

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**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 2/3/2024
** File: C:\Users\adadabhoy\Desktop\AERMOD\14057 5th and Sterling\14057 Ops With PDFs\14057 Ops
With PDFs.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and Sterling\14057 Op
   MODELOPT DFAULT CONC
   AVERTIME PERIOD
   URBANOPT 2035210 San_Bernardino_County
   POLLUTID DPM
   RUNORNOT RUN
   ERRORFIL "14057 Ops With PDFs.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE1
** DESCRSRC Idle
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 0.00001316
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 477634.065, 3774260.613, 337.00, 3.49, 4.00
** 478007.663, 3774268.603, 339.92, 3.49, 4.00
** ----------------------------------------------------------------------
   LOCATION L0000981     VOLUME   477638.359 3774260.705 337.00
   LOCATION L0000982     VOLUME   477646.947 3774260.889 337.00
   LOCATION L0000983     VOLUME   477655.535 3774261.072 337.00
   LOCATION L0000984     VOLUME   477664.123 3774261.256 337.00
   LOCATION L0000985     VOLUME   477672.711 3774261.440 337.00
   LOCATION L0000986     VOLUME   477681.299 3774261.623 337.00
   LOCATION L0000987     VOLUME   477689.887 3774261.807 337.00
   LOCATION L0000988     VOLUME   477698.475 3774261.991 337.00
   LOCATION L0000989     VOLUME   477707.063 3774262.174 337.00
   LOCATION L0000990     VOLUME   477715.651 3774262.358 337.00
   LOCATION L0000991     VOLUME   477724.240 3774262.542 337.00
   LOCATION L0000992     VOLUME   477732.828 3774262.725 337.10
   LOCATION L0000993     VOLUME   477741.416 3774262.909 337.39
   LOCATION L0000994     VOLUME   477750.004 3774263.093 337.67
   LOCATION L0000995     VOLUME   477758.592 3774263.276 337.96
   LOCATION L0000996     VOLUME   477767.180 3774263.460 338.00
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   LOCATION L0000997     VOLUME   477775.768 3774263.644 338.00
   LOCATION L0000998     VOLUME   477784.356 3774263.827 338.00
   LOCATION L0000999     VOLUME   477792.944 3774264.011 338.00
   LOCATION L0001000     VOLUME   477801.532 3774264.195 338.00
   LOCATION L0001001     VOLUME   477810.120 3774264.378 338.00
   LOCATION L0001002     VOLUME   477818.708 3774264.562 338.00
   LOCATION L0001003     VOLUME   477827.296 3774264.746 338.00
   LOCATION L0001004     VOLUME   477835.884 3774264.929 338.00
   LOCATION L0001005     VOLUME   477844.472 3774265.113 338.00
   LOCATION L0001006     VOLUME   477853.060 3774265.297 338.11
   LOCATION L0001007     VOLUME   477861.648 3774265.480 338.39
   LOCATION L0001008     VOLUME   477870.236 3774265.664 338.68
   LOCATION L0001009     VOLUME   477878.824 3774265.848 338.97
   LOCATION L0001010     VOLUME   477887.412 3774266.031 339.00
   LOCATION L0001011     VOLUME   477896.000 3774266.215 339.00
   LOCATION L0001012     VOLUME   477904.588 3774266.399 339.00
   LOCATION L0001013     VOLUME   477913.176 3774266.582 339.00
   LOCATION L0001014     VOLUME   477921.764 3774266.766 339.00
   LOCATION L0001015     VOLUME   477930.352 3774266.950 339.00
   LOCATION L0001016     VOLUME   477938.940 3774267.133 339.00
   LOCATION L0001017     VOLUME   477947.528 3774267.317 339.00
   LOCATION L0001018     VOLUME   477956.117 3774267.501 339.00
   LOCATION L0001019     VOLUME   477964.705 3774267.684 339.00
   LOCATION L0001020     VOLUME   477973.293 3774267.868 339.11
   LOCATION L0001021     VOLUME   477981.881 3774268.052 339.40
   LOCATION L0001022     VOLUME   477990.469 3774268.235 339.69
   LOCATION L0001023     VOLUME   477999.057 3774268.419 339.97
   LOCATION L0001024     VOLUME   478007.645 3774268.603 340.00
** End of LINE VOLUME Source ID = SLINE1
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE2
** DESCRSRC TTP Idle
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 0.00001316
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 477634.892, 3774221.766, 337.00, 3.49, 4.00
** 478008.489, 3774231.409, 339.95, 3.49, 4.00
** ----------------------------------------------------------------------
   LOCATION L0001025     VOLUME   477639.185 3774221.877 337.00
   LOCATION L0001026     VOLUME   477647.772 3774222.098 337.00
   LOCATION L0001027     VOLUME   477656.360 3774222.320 337.00
   LOCATION L0001028     VOLUME   477664.947 3774222.541 337.00
   LOCATION L0001029     VOLUME   477673.534 3774222.763 337.00
   LOCATION L0001030     VOLUME   477682.121 3774222.985 337.00
   LOCATION L0001031     VOLUME   477690.708 3774223.206 337.00
   LOCATION L0001032     VOLUME   477699.295 3774223.428 337.00
   LOCATION L0001033     VOLUME   477707.882 3774223.650 337.00
   LOCATION L0001034     VOLUME   477716.470 3774223.871 337.00
   LOCATION L0001035     VOLUME   477725.057 3774224.093 337.00
   LOCATION L0001036     VOLUME   477733.644 3774224.315 337.12
   LOCATION L0001037     VOLUME   477742.231 3774224.536 337.39
   LOCATION L0001038     VOLUME   477750.818 3774224.758 337.66
   LOCATION L0001039     VOLUME   477759.405 3774224.980 337.94
   LOCATION L0001040     VOLUME   477767.992 3774225.201 337.97
   LOCATION L0001041     VOLUME   477776.580 3774225.423 337.99
   LOCATION L0001042     VOLUME   477785.167 3774225.644 338.00
   LOCATION L0001043     VOLUME   477793.754 3774225.866 338.00
   LOCATION L0001044     VOLUME   477802.341 3774226.088 338.00
   LOCATION L0001045     VOLUME   477810.928 3774226.309 338.00
   LOCATION L0001046     VOLUME   477819.515 3774226.531 338.00
   LOCATION L0001047     VOLUME   477828.102 3774226.753 338.00
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   LOCATION L0001048     VOLUME   477836.689 3774226.974 338.00
   LOCATION L0001049     VOLUME   477845.277 3774227.196 338.00
   LOCATION L0001050     VOLUME   477853.864 3774227.418 338.01
   LOCATION L0001051     VOLUME   477862.451 3774227.639 338.02
   LOCATION L0001052     VOLUME   477871.038 3774227.861 338.04
   LOCATION L0001053     VOLUME   477879.625 3774228.083 338.06
   LOCATION L0001054     VOLUME   477888.212 3774228.304 338.33
   LOCATION L0001055     VOLUME   477896.799 3774228.526 338.60
   LOCATION L0001056     VOLUME   477905.387 3774228.747 338.86
   LOCATION L0001057     VOLUME   477913.974 3774228.969 339.00
   LOCATION L0001058     VOLUME   477922.561 3774229.191 339.00
   LOCATION L0001059     VOLUME   477931.148 3774229.412 339.00
   LOCATION L0001060     VOLUME   477939.735 3774229.634 339.00
   LOCATION L0001061     VOLUME   477948.322 3774229.856 339.00
   LOCATION L0001062     VOLUME   477956.909 3774230.077 339.00
   LOCATION L0001063     VOLUME   477965.497 3774230.299 339.00
   LOCATION L0001064     VOLUME   477974.084 3774230.521 339.14
   LOCATION L0001065     VOLUME   477982.671 3774230.742 339.43
   LOCATION L0001066     VOLUME   477991.258 3774230.964 339.71
   LOCATION L0001067     VOLUME   477999.845 3774231.186 340.00
   LOCATION L0001068     VOLUME   478008.432 3774231.407 340.00
** End of LINE VOLUME Source ID = SLINE2
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE3
** DESCRSRC Onsite
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 8.594E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 9
** 477608.167, 3774209.368, 336.10, 3.49, 4.00
** 477606.514, 3774233.337, 336.90, 3.49, 4.00
** 477614.228, 3774239.123, 336.84, 3.49, 4.00
** 477634.616, 3774241.327, 337.00, 3.49, 4.00
** 478057.531, 3774250.695, 340.00, 3.49, 4.00
** 478088.389, 3774250.419, 340.03, 3.49, 4.00
** 478101.338, 3774244.358, 340.25, 3.49, 4.00
** 478104.368, 3774230.858, 340.42, 3.49, 4.00
** 478104.368, 3774220.388, 340.39, 3.49, 4.00
** ----------------------------------------------------------------------
   LOCATION L0001069     VOLUME   477607.871 3774213.652 336.54
   LOCATION L0001070     VOLUME   477607.280 3774222.222 336.79
   LOCATION L0001071     VOLUME   477606.689 3774230.792 336.89
   LOCATION L0001072     VOLUME   477611.344 3774236.960 337.00
   LOCATION L0001073     VOLUME   477619.185 3774239.659 337.00
   LOCATION L0001074     VOLUME   477627.725 3774240.582 337.00
   LOCATION L0001075     VOLUME   477636.274 3774241.364 337.00
   LOCATION L0001076     VOLUME   477644.862 3774241.554 337.00
   LOCATION L0001077     VOLUME   477653.450 3774241.744 337.00
   LOCATION L0001078     VOLUME   477662.038 3774241.935 337.00
   LOCATION L0001079     VOLUME   477670.626 3774242.125 337.00
   LOCATION L0001080     VOLUME   477679.214 3774242.315 337.00
   LOCATION L0001081     VOLUME   477687.802 3774242.505 337.00
   LOCATION L0001082     VOLUME   477696.389 3774242.695 337.00
   LOCATION L0001083     VOLUME   477704.977 3774242.886 337.00
   LOCATION L0001084     VOLUME   477713.565 3774243.076 337.00
   LOCATION L0001085     VOLUME   477722.153 3774243.266 337.00
   LOCATION L0001086     VOLUME   477730.741 3774243.456 337.03
   LOCATION L0001087     VOLUME   477739.329 3774243.647 337.32
   LOCATION L0001088     VOLUME   477747.917 3774243.837 337.60
   LOCATION L0001089     VOLUME   477756.505 3774244.027 337.89
   LOCATION L0001090     VOLUME   477765.093 3774244.217 338.00
   LOCATION L0001091     VOLUME   477773.680 3774244.407 338.00
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   LOCATION L0001092     VOLUME   477782.268 3774244.598 338.00
   LOCATION L0001093     VOLUME   477790.856 3774244.788 338.00
   LOCATION L0001094     VOLUME   477799.444 3774244.978 338.00
   LOCATION L0001095     VOLUME   477808.032 3774245.168 338.00
   LOCATION L0001096     VOLUME   477816.620 3774245.359 338.00
   LOCATION L0001097     VOLUME   477825.208 3774245.549 338.00
   LOCATION L0001098     VOLUME   477833.796 3774245.739 338.00
   LOCATION L0001099     VOLUME   477842.384 3774245.929 338.00
   LOCATION L0001100     VOLUME   477850.972 3774246.119 338.02
   LOCATION L0001101     VOLUME   477859.559 3774246.310 338.22
   LOCATION L0001102     VOLUME   477868.147 3774246.500 338.41
   LOCATION L0001103     VOLUME   477876.735 3774246.690 338.61
   LOCATION L0001104     VOLUME   477885.323 3774246.880 338.74
   LOCATION L0001105     VOLUME   477893.911 3774247.071 338.84
   LOCATION L0001106     VOLUME   477902.499 3774247.261 338.93
   LOCATION L0001107     VOLUME   477911.087 3774247.451 339.00
   LOCATION L0001108     VOLUME   477919.675 3774247.641 339.00
   LOCATION L0001109     VOLUME   477928.263 3774247.831 339.00
   LOCATION L0001110     VOLUME   477936.850 3774248.022 339.00
   LOCATION L0001111     VOLUME   477945.438 3774248.212 339.00
   LOCATION L0001112     VOLUME   477954.026 3774248.402 339.00
   LOCATION L0001113     VOLUME   477962.614 3774248.592 339.00
   LOCATION L0001114     VOLUME   477971.202 3774248.783 339.05
   LOCATION L0001115     VOLUME   477979.790 3774248.973 339.33
   LOCATION L0001116     VOLUME   477988.378 3774249.163 339.62
   LOCATION L0001117     VOLUME   477996.966 3774249.353 339.90
   LOCATION L0001118     VOLUME   478005.554 3774249.543 340.00
   LOCATION L0001119     VOLUME   478014.142 3774249.734 340.00
   LOCATION L0001120     VOLUME   478022.729 3774249.924 340.00
   LOCATION L0001121     VOLUME   478031.317 3774250.114 340.00
   LOCATION L0001122     VOLUME   478039.905 3774250.304 340.00
   LOCATION L0001123     VOLUME   478048.493 3774250.495 340.00
   LOCATION L0001124     VOLUME   478057.081 3774250.685 340.00
   LOCATION L0001125     VOLUME   478065.671 3774250.622 340.00
   LOCATION L0001126     VOLUME   478074.260 3774250.545 340.00
   LOCATION L0001127     VOLUME   478082.850 3774250.469 340.00
   LOCATION L0001128     VOLUME   478091.152 3774249.126 340.04
   LOCATION L0001129     VOLUME   478098.932 3774245.484 340.30
   LOCATION L0001130     VOLUME   478102.637 3774238.568 340.43
   LOCATION L0001131     VOLUME   478104.368 3774230.170 340.48
   LOCATION L0001132     VOLUME   478104.368 3774221.580 340.48
** End of LINE VOLUME Source ID = SLINE3
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE4
** DESCRSRC Onsite 5%
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 1.113E-07
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 478057.531, 3774256.481, 340.00, 3.49, 4.00
** 478056.980, 3774398.095, 340.00, 3.49, 4.00
** ----------------------------------------------------------------------
   LOCATION L0001133     VOLUME   478057.514 3774260.775 340.00
   LOCATION L0001134     VOLUME   478057.481 3774269.365 340.00
   LOCATION L0001135     VOLUME   478057.447 3774277.955 340.00
   LOCATION L0001136     VOLUME   478057.414 3774286.545 340.00
   LOCATION L0001137     VOLUME   478057.381 3774295.135 340.00
   LOCATION L0001138     VOLUME   478057.347 3774303.725 340.00
   LOCATION L0001139     VOLUME   478057.314 3774312.315 340.00
   LOCATION L0001140     VOLUME   478057.280 3774320.905 340.00
   LOCATION L0001141     VOLUME   478057.247 3774329.495 340.00
   LOCATION L0001142     VOLUME   478057.213 3774338.085 340.00
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   LOCATION L0001143     VOLUME   478057.180 3774346.675 340.00
   LOCATION L0001144     VOLUME   478057.147 3774355.265 340.00
   LOCATION L0001145     VOLUME   478057.113 3774363.855 340.00
   LOCATION L0001146     VOLUME   478057.080 3774372.445 340.00
   LOCATION L0001147     VOLUME   478057.046 3774381.035 340.00
   LOCATION L0001148     VOLUME   478057.013 3774389.625 340.00
** End of LINE VOLUME Source ID = SLINE4
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE5
** DESCRSRC 5th 15% W
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 1.688E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 6
** 477608.798, 3774194.692, 336.00, 3.49, 4.00
** 477094.345, 3774193.547, 332.03, 3.49, 4.00
** 476871.181, 3774191.755, 331.24, 3.49, 4.00
** 476511.587, 3774195.820, 328.87, 3.49, 4.00
** 476247.765, 3774196.717, 327.00, 3.49, 4.00
** 475936.383, 3774199.858, 325.00, 3.49, 4.00
** ----------------------------------------------------------------------
   LOCATION L0001149     VOLUME   477604.503 3774194.682 336.00
   LOCATION L0001150     VOLUME   477595.913 3774194.663 336.00
   LOCATION L0001151     VOLUME   477587.323 3774194.644 336.00
   LOCATION L0001152     VOLUME   477578.733 3774194.625 336.00
   LOCATION L0001153     VOLUME   477570.143 3774194.606 336.00
   LOCATION L0001154     VOLUME   477561.553 3774194.587 336.00
   LOCATION L0001155     VOLUME   477552.963 3774194.568 336.00
   LOCATION L0001156     VOLUME   477544.373 3774194.549 335.99
   LOCATION L0001157     VOLUME   477535.783 3774194.529 335.97
   LOCATION L0001158     VOLUME   477527.193 3774194.510 335.96
   LOCATION L0001159     VOLUME   477518.603 3774194.491 335.94
   LOCATION L0001160     VOLUME   477510.013 3774194.472 335.94
   LOCATION L0001161     VOLUME   477501.423 3774194.453 335.94
   LOCATION L0001162     VOLUME   477492.833 3774194.434 335.94
   LOCATION L0001163     VOLUME   477484.243 3774194.415 335.95
   LOCATION L0001164     VOLUME   477475.653 3774194.396 335.97
   LOCATION L0001165     VOLUME   477467.063 3774194.376 335.98
   LOCATION L0001166     VOLUME   477458.473 3774194.357 336.00
   LOCATION L0001167     VOLUME   477449.883 3774194.338 336.00
   LOCATION L0001168     VOLUME   477441.293 3774194.319 336.00
   LOCATION L0001169     VOLUME   477432.703 3774194.300 336.00
   LOCATION L0001170     VOLUME   477424.113 3774194.281 335.81
   LOCATION L0001171     VOLUME   477415.523 3774194.262 335.52
   LOCATION L0001172     VOLUME   477406.933 3774194.243 335.24
   LOCATION L0001173     VOLUME   477398.343 3774194.224 335.00
   LOCATION L0001174     VOLUME   477389.753 3774194.204 335.00
   LOCATION L0001175     VOLUME   477381.163 3774194.185 335.00
   LOCATION L0001176     VOLUME   477372.573 3774194.166 335.00
   LOCATION L0001177     VOLUME   477363.983 3774194.147 335.00
   LOCATION L0001178     VOLUME   477355.393 3774194.128 335.00
   LOCATION L0001179     VOLUME   477346.803 3774194.109 335.00
   LOCATION L0001180     VOLUME   477338.213 3774194.090 334.95
   LOCATION L0001181     VOLUME   477329.623 3774194.071 334.66
   LOCATION L0001182     VOLUME   477321.033 3774194.051 334.37
   LOCATION L0001183     VOLUME   477312.443 3774194.032 334.09
   LOCATION L0001184     VOLUME   477303.853 3774194.013 334.00
   LOCATION L0001185     VOLUME   477295.263 3774193.994 334.00
   LOCATION L0001186     VOLUME   477286.673 3774193.975 334.00
   LOCATION L0001187     VOLUME   477278.083 3774193.956 334.00
   LOCATION L0001188     VOLUME   477269.493 3774193.937 334.00
   LOCATION L0001189     VOLUME   477260.903 3774193.918 334.00
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LOCATION L0001190 VOLUME 477252.313 3774193.898 334.00
LOCATION L0001191 VOLUME 477243.723 3774193.879 334.00
LOCATION L0001192 VOLUME 477235.133 3774193.860 334.00
LOCATION L0001193 VOLUME 477226.544 3774193.841 334.00
LOCATION L0001194 VOLUME 477217.954 3774193.822 334.00
LOCATION L0001195 VOLUME 477209.364 3774193.803 334.00
LOCATION L0001196 VOLUME 477200.774 3774193.784 334.00
LOCATION L0001197 VOLUME 477192.184 3774193.765 334.00
LOCATION L0001198 VOLUME 477183.594 3774193.745 333.98
LOCATION L0001199 VOLUME 477175.004 3774193.726 333.96
LOCATION L0001200 VOLUME 477166.414 3774193.707 333.93
LOCATION L0001201 VOLUME 477157.824 3774193.688 333.85
LOCATION L0001202 VOLUME 477149.234 3774193.669 333.56
LOCATION L0001203 VOLUME 477140.644 3774193.650 333.27
LOCATION L0001204 VOLUME 477132.054 3774193.631 332.99
LOCATION L0001205 VOLUME 477123.464 3774193.612 332.72
LOCATION L0001206 VOLUME 477114.874 3774193.592 332.46
LOCATION L0001207 VOLUME 477106.284 3774193.573 332.20
LOCATION L0001208 VOLUME 477097.694 3774193.554 332.00
LOCATION L0001209 VOLUME 477089.104 3774193.505 332.00
LOCATION L0001210 VOLUME 477080.514 3774193.436 332.00
LOCATION L0001211 VOLUME 477071.925 3774193.367 332.00
LOCATION L0001212 VOLUME 477063.335 3774193.298 332.00
LOCATION L0001213 VOLUME 477054.745 3774193.229 332.00
LOCATION L0001214 VOLUME 477046.155 3774193.160 332.00
LOCATION L0001215 VOLUME 477037.566 3774193.091 332.00
LOCATION L0001216 VOLUME 477028.976 3774193.022 332.00
LOCATION L0001217 VOLUME 477020.386 3774192.953 332.00
LOCATION L0001218 VOLUME 477011.796 3774192.884 332.00
LOCATION L0001219 VOLUME 477003.207 3774192.815 332.00
LOCATION L0001220 VOLUME 476994.617 3774192.746 332.00
LOCATION L0001221 VOLUME 476986.027 3774192.677 332.00
LOCATION L0001222 VOLUME 476977.438 3774192.608 332.00
LOCATION L0001223 VOLUME 476968.848 3774192.539 332.00
LOCATION L0001224 VOLUME 476960.258 3774192.470 332.00
LOCATION L0001225 VOLUME 476951.668 3774192.401 332.00
LOCATION L0001226 VOLUME 476943.079 3774192.332 332.00
LOCATION L0001227 VOLUME 476934.489 3774192.263 332.00
LOCATION L0001228 VOLUME 476925.899 3774192.194 332.00
LOCATION L0001229 VOLUME 476917.310 3774192.125 331.99
LOCATION L0001230 VOLUME 476908.720 3774192.057 331.95
LOCATION L0001231 VOLUME 476900.130 3774191.988 331.91
LOCATION L0001232 VOLUME 476891.540 3774191.919 331.86
LOCATION L0001233 VOLUME 476882.951 3774191.850 331.85
LOCATION L0001234 VOLUME 476874.361 3774191.781 331.85
LOCATION L0001235 VOLUME 476865.771 3774191.816 331.85
LOCATION L0001236 VOLUME 476857.182 3774191.913 331.00
LOCATION L0001237 VOLUME 476848.592 3774192.010 331.00
LOCATION L0001238 VOLUME 476840.003 3774192.108 331.00
LOCATION L0001239 VOLUME 476831.414 3774192.205 331.00
LOCATION L0001240 VOLUME 476822.824 3774192.302 331.00
LOCATION L0001241 VOLUME 476814.235 3774192.399 331.00
LOCATION L0001242 VOLUME 476805.645 3774192.496 331.00
LOCATION L0001243 VOLUME 476797.056 3774192.593 331.00
LOCATION L0001244 VOLUME 476788.466 3774192.690 331.00
LOCATION L0001245 VOLUME 476779.877 3774192.787 331.00
LOCATION L0001246 VOLUME 476771.287 3774192.884 331.00
LOCATION L0001247 VOLUME 476762.698 3774192.981 331.00
LOCATION L0001248 VOLUME 476754.109 3774193.079 331.00
LOCATION L0001249 VOLUME 476745.519 3774193.176 331.00
LOCATION L0001250 VOLUME 476736.930 3774193.273 330.99
LOCATION L0001251 VOLUME 476728.340 3774193.370 330.96
LOCATION L0001252 VOLUME 476719.751 3774193.467 330.94
LOCATION L0001253 VOLUME 476711.161 3774193.564 330.91
LOCATION L0001254 VOLUME 476702.572 3774193.661 330.69
LOCATION L0001255 VOLUME 476693.982 3774193.758 330.43

LOCATION L0001256 VOLUME 476685.393 3774193.855 330.17
LOCATION L0001257 VOLUME 476676.803 3774193.952 330.00
LOCATION L0001258 VOLUME 476668.214 3774194.050 330.00
LOCATION L0001259 VOLUME 476659.625 3774194.147 330.00
LOCATION L0001260 VOLUME 476651.035 3774194.244 330.00
LOCATION L0001261 VOLUME 476642.446 3774194.341 330.00
LOCATION L0001262 VOLUME 476633.856 3774194.438 330.00
LOCATION L0001263 VOLUME 476625.267 3774194.535 330.00
LOCATION L0001264 VOLUME 476616.677 3774194.632 329.99
LOCATION L0001265 VOLUME 476608.088 3774194.729 329.98
LOCATION L0001266 VOLUME 476599.498 3774194.826 329.97
LOCATION L0001267 VOLUME 476590.909 3774194.923 329.96
LOCATION L0001268 VOLUME 476582.319 3774195.020 329.72
LOCATION L0001269 VOLUME 476573.730 3774195.118 329.45
LOCATION L0001270 VOLUME 476565.141 3774195.215 329.17
LOCATION L0001271 VOLUME 476556.551 3774195.312 329.00
LOCATION L0001272 VOLUME 476547.962 3774195.409 329.00
LOCATION L0001273 VOLUME 476539.372 3774195.506 329.00
LOCATION L0001274 VOLUME 476530.783 3774195.603 329.00
LOCATION L0001275 VOLUME 476522.193 3774195.700 328.99
LOCATION L0001276 VOLUME 476513.604 3774195.797 328.99
LOCATION L0001277 VOLUME 476505.014 3774195.842 328.99
LOCATION L0001278 VOLUME 476496.424 3774195.872 328.87
LOCATION L0001279 VOLUME 476487.834 3774195.901 328.59
LOCATION L0001280 VOLUME 476479.244 3774195.930 328.31
LOCATION L0001281 VOLUME 476470.654 3774195.959 328.03
LOCATION L0001282 VOLUME 476462.064 3774195.989 328.00
LOCATION L0001283 VOLUME 476453.474 3774196.018 328.00
LOCATION L0001284 VOLUME 476444.884 3774196.047 328.00
LOCATION L0001285 VOLUME 476436.294 3774196.076 328.00
LOCATION L0001286 VOLUME 476427.704 3774196.105 328.00
LOCATION L0001287 VOLUME 476419.115 3774196.135 328.00
LOCATION L0001288 VOLUME 476410.525 3774196.164 328.00
LOCATION L0001289 VOLUME 476401.935 3774196.193 328.00
LOCATION L0001290 VOLUME 476393.345 3774196.222 328.00
LOCATION L0001291 VOLUME 476384.755 3774196.251 328.00
LOCATION L0001292 VOLUME 476376.165 3774196.281 328.00
LOCATION L0001293 VOLUME 476367.575 3774196.310 328.00
LOCATION L0001294 VOLUME 476358.985 3774196.339 328.00
LOCATION L0001295 VOLUME 476350.395 3774196.368 328.00
LOCATION L0001296 VOLUME 476341.805 3774196.398 327.73
LOCATION L0001297 VOLUME 476333.215 3774196.427 327.45
LOCATION L0001298 VOLUME 476324.625 3774196.456 327.16
LOCATION L0001299 VOLUME 476316.035 3774196.485 327.00
LOCATION L0001300 VOLUME 476307.445 3774196.514 327.00
LOCATION L0001301 VOLUME 476298.855 3774196.544 327.00
LOCATION L0001302 VOLUME 476290.265 3774196.573 327.00
LOCATION L0001303 VOLUME 476281.675 3774196.602 327.00
LOCATION L0001304 VOLUME 476273.085 3774196.631 327.00
LOCATION L0001305 VOLUME 476264.495 3774196.661 327.00
LOCATION L0001306 VOLUME 476255.905 3774196.690 327.00
LOCATION L0001307 VOLUME 476247.316 3774196.722 327.00
LOCATION L0001308 VOLUME 476238.726 3774196.809 327.00
LOCATION L0001309 VOLUME 476230.136 3774196.895 327.00
LOCATION L0001310 VOLUME 476221.547 3774196.982 327.00
LOCATION L0001311 VOLUME 476212.957 3774197.069 327.00
LOCATION L0001312 VOLUME 476204.368 3774197.155 327.00
LOCATION L0001313 VOLUME 476195.778 3774197.242 326.87
LOCATION L0001314 VOLUME 476187.189 3774197.328 326.59
LOCATION L0001315 VOLUME 476178.599 3774197.415 326.32
LOCATION L0001316 VOLUME 476170.009 3774197.502 326.05
LOCATION L0001317 VOLUME 476161.420 3774197.588 326.03
LOCATION L0001318 VOLUME 476152.830 3774197.675 326.02
LOCATION L0001319 VOLUME 476144.241 3774197.762 326.01
LOCATION L0001320 VOLUME 476135.651 3774197.848 326.00
LOCATION L0001321 VOLUME 476127.062 3774197.935 326.00

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   LOCATION L0001322     VOLUME   476118.472 3774198.022 326.00
   LOCATION L0001323     VOLUME   476109.883 3774198.108 326.00
   LOCATION L0001324     VOLUME   476101.293 3774198.195 326.00
   LOCATION L0001325     VOLUME   476092.703 3774198.281 326.00
   LOCATION L0001326     VOLUME   476084.114 3774198.368 326.00
   LOCATION L0001327     VOLUME   476075.524 3774198.455 326.00
   LOCATION L0001328     VOLUME   476066.935 3774198.541 326.00
   LOCATION L0001329     VOLUME   476058.345 3774198.628 326.00
   LOCATION L0001330     VOLUME   476049.756 3774198.715 326.00
   LOCATION L0001331     VOLUME   476041.166 3774198.801 325.74
   LOCATION L0001332     VOLUME   476032.576 3774198.888 325.47
   LOCATION L0001333     VOLUME   476023.987 3774198.975 325.22
   LOCATION L0001334     VOLUME   476015.397 3774199.061 325.08
   LOCATION L0001335     VOLUME   476006.808 3774199.148 325.05
   LOCATION L0001336     VOLUME   475998.218 3774199.234 325.03
   LOCATION L0001337     VOLUME   475989.629 3774199.321 325.00
   LOCATION L0001338     VOLUME   475981.039 3774199.408 325.00
   LOCATION L0001339     VOLUME   475972.450 3774199.494 325.00
   LOCATION L0001340     VOLUME   475963.860 3774199.581 325.00
   LOCATION L0001341     VOLUME   475955.270 3774199.668 325.00
   LOCATION L0001342     VOLUME   475946.681 3774199.754 325.00
   LOCATION L0001343     VOLUME   475938.091 3774199.841 325.00
** End of LINE VOLUME Source ID = SLINE5
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE6
** DESCRSRC Lankershim 5%
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 2.288E-07
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 5
** 478054.588, 3774403.109, 340.00, 3.49, 4.00
** 478180.666, 3774408.942, 341.00, 3.49, 4.00
** 478333.217, 3774412.531, 342.06, 3.49, 4.00
** 478334.114, 3774612.193, 342.97, 3.49, 4.00
** 478332.768, 3774814.097, 343.00, 3.49, 4.00
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   LOCATION L0001344     VOLUME   478058.879 3774403.307 340.00
   LOCATION L0001345     VOLUME   478067.459 3774403.704 340.00
   LOCATION L0001346     VOLUME   478076.040 3774404.101 340.00
   LOCATION L0001347     VOLUME   478084.621 3774404.498 340.00
   LOCATION L0001348     VOLUME   478093.202 3774404.895 340.11
   LOCATION L0001349     VOLUME   478101.783 3774405.292 340.40
   LOCATION L0001350     VOLUME   478110.363 3774405.689 340.68
   LOCATION L0001351     VOLUME   478118.944 3774406.086 340.97
   LOCATION L0001352     VOLUME   478127.525 3774406.483 341.00
   LOCATION L0001353     VOLUME   478136.106 3774406.880 341.00
   LOCATION L0001354     VOLUME   478144.687 3774407.277 341.00
   LOCATION L0001355     VOLUME   478153.268 3774407.674 341.00
   LOCATION L0001356     VOLUME   478161.848 3774408.071 341.00
   LOCATION L0001357     VOLUME   478170.429 3774408.468 341.00
   LOCATION L0001358     VOLUME   478179.010 3774408.865 341.00
   LOCATION L0001359     VOLUME   478187.596 3774409.105 341.00
   LOCATION L0001360     VOLUME   478196.184 3774409.307 341.00
   LOCATION L0001361     VOLUME   478204.772 3774409.509 341.00
   LOCATION L0001362     VOLUME   478213.359 3774409.711 341.12
   LOCATION L0001363     VOLUME   478221.947 3774409.913 341.40
   LOCATION L0001364     VOLUME   478230.534 3774410.115 341.69
   LOCATION L0001365     VOLUME   478239.122 3774410.317 341.98
   LOCATION L0001366     VOLUME   478247.710 3774410.519 342.00
   LOCATION L0001367     VOLUME   478256.297 3774410.721 342.00
   LOCATION L0001368     VOLUME   478264.885 3774410.923 342.00
   LOCATION L0001369     VOLUME   478273.473 3774411.125 342.00
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   LOCATION L0001370     VOLUME   478282.060 3774411.328 342.00
   LOCATION L0001371     VOLUME   478290.648 3774411.530 342.00
   LOCATION L0001372     VOLUME   478299.235 3774411.732 342.00
   LOCATION L0001373     VOLUME   478307.823 3774411.934 342.00
   LOCATION L0001374     VOLUME   478316.411 3774412.136 342.00
   LOCATION L0001375     VOLUME   478324.998 3774412.338 342.00
   LOCATION L0001376     VOLUME   478333.218 3774412.901 342.11
   LOCATION L0001377     VOLUME   478333.257 3774421.490 342.11
   LOCATION L0001378     VOLUME   478333.296 3774430.080 342.11
   LOCATION L0001379     VOLUME   478333.334 3774438.670 342.12
   LOCATION L0001380     VOLUME   478333.373 3774447.260 342.12
   LOCATION L0001381     VOLUME   478333.411 3774455.850 342.12
   LOCATION L0001382     VOLUME   478333.450 3774464.440 342.12
   LOCATION L0001383     VOLUME   478333.489 3774473.030 342.12
   LOCATION L0001384     VOLUME   478333.527 3774481.620 342.12
   LOCATION L0001385     VOLUME   478333.566 3774490.210 342.12
   LOCATION L0001386     VOLUME   478333.604 3774498.800 342.13
   LOCATION L0001387     VOLUME   478333.643 3774507.390 342.13
   LOCATION L0001388     VOLUME   478333.682 3774515.980 342.13
   LOCATION L0001389     VOLUME   478333.720 3774524.569 342.13
   LOCATION L0001390     VOLUME   478333.759 3774533.159 342.13
   LOCATION L0001391     VOLUME   478333.797 3774541.749 342.13
   LOCATION L0001392     VOLUME   478333.836 3774550.339 342.13
   LOCATION L0001393     VOLUME   478333.875 3774558.929 342.21
   LOCATION L0001394     VOLUME   478333.913 3774567.519 342.46
   LOCATION L0001395     VOLUME   478333.952 3774576.109 342.71
   LOCATION L0001396     VOLUME   478333.990 3774584.699 342.95
   LOCATION L0001397     VOLUME   478334.029 3774593.289 343.00
   LOCATION L0001398     VOLUME   478334.068 3774601.879 343.00
   LOCATION L0001399     VOLUME   478334.106 3774610.469 343.00
   LOCATION L0001400     VOLUME   478334.068 3774619.058 343.00
   LOCATION L0001401     VOLUME   478334.011 3774627.648 343.00
   LOCATION L0001402     VOLUME   478333.954 3774636.238 343.00
   LOCATION L0001403     VOLUME   478333.896 3774644.828 343.00
   LOCATION L0001404     VOLUME   478333.839 3774653.418 343.00
   LOCATION L0001405     VOLUME   478333.782 3774662.007 343.00
   LOCATION L0001406     VOLUME   478333.725 3774670.597 343.00
   LOCATION L0001407     VOLUME   478333.667 3774679.187 343.00
   LOCATION L0001408     VOLUME   478333.610 3774687.777 343.00
   LOCATION L0001409     VOLUME   478333.553 3774696.367 343.00
   LOCATION L0001410     VOLUME   478333.496 3774704.956 343.00
   LOCATION L0001411     VOLUME   478333.438 3774713.546 343.00
   LOCATION L0001412     VOLUME   478333.381 3774722.136 343.00
   LOCATION L0001413     VOLUME   478333.324 3774730.726 343.00
   LOCATION L0001414     VOLUME   478333.267 3774739.316 343.00
   LOCATION L0001415     VOLUME   478333.209 3774747.906 343.00
   LOCATION L0001416     VOLUME   478333.152 3774756.495 343.00
   LOCATION L0001417     VOLUME   478333.095 3774765.085 343.00
   LOCATION L0001418     VOLUME   478333.038 3774773.675 343.00
   LOCATION L0001419     VOLUME   478332.980 3774782.265 343.00
   LOCATION L0001420     VOLUME   478332.923 3774790.855 343.00
   LOCATION L0001421     VOLUME   478332.866 3774799.444 343.00
   LOCATION L0001422     VOLUME   478332.808 3774808.034 343.00
** End of LINE VOLUME Source ID = SLINE6
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE7
** DESCRSRC 5th 15%
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 5.017E-07
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 4
** 477609.599, 3774194.784, 336.00, 3.49, 4.00
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** 477811.963, 3774199.702, 338.00, 3.49, 4.00
** 478037.982, 3774204.621, 340.00, 3.49, 4.00
** 478106.608, 3774207.431, 340.50, 3.49, 4.00
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   LOCATION L0001423     VOLUME   477613.893 3774194.888 336.13
   LOCATION L0001424     VOLUME   477622.480 3774195.097 336.40
   LOCATION L0001425     VOLUME   477631.068 3774195.306 336.68
   LOCATION L0001426     VOLUME   477639.655 3774195.514 336.97
   LOCATION L0001427     VOLUME   477648.243 3774195.723 336.99
   LOCATION L0001428     VOLUME   477656.830 3774195.932 336.99
   LOCATION L0001429     VOLUME   477665.418 3774196.140 337.00
   LOCATION L0001430     VOLUME   477674.005 3774196.349 337.00
   LOCATION L0001431     VOLUME   477682.593 3774196.558 337.00
   LOCATION L0001432     VOLUME   477691.180 3774196.767 337.00
   LOCATION L0001433     VOLUME   477699.767 3774196.975 337.00
   LOCATION L0001434     VOLUME   477708.355 3774197.184 337.00
   LOCATION L0001435     VOLUME   477716.942 3774197.393 337.00
   LOCATION L0001436     VOLUME   477725.530 3774197.601 337.00
   LOCATION L0001437     VOLUME   477734.117 3774197.810 337.01
   LOCATION L0001438     VOLUME   477742.705 3774198.019 337.02
   LOCATION L0001439     VOLUME   477751.292 3774198.228 337.05
   LOCATION L0001440     VOLUME   477759.880 3774198.436 337.07
   LOCATION L0001441     VOLUME   477768.467 3774198.645 337.34
   LOCATION L0001442     VOLUME   477777.055 3774198.854 337.61
   LOCATION L0001443     VOLUME   477785.642 3774199.063 337.87
   LOCATION L0001444     VOLUME   477794.230 3774199.271 338.00
   LOCATION L0001445     VOLUME   477802.817 3774199.480 338.00
   LOCATION L0001446     VOLUME   477811.404 3774199.689 338.00
   LOCATION L0001447     VOLUME   477819.992 3774199.877 338.00
   LOCATION L0001448     VOLUME   477828.580 3774200.064 338.00
   LOCATION L0001449     VOLUME   477837.168 3774200.251 338.00
   LOCATION L0001450     VOLUME   477845.756 3774200.438 338.00
   LOCATION L0001451     VOLUME   477854.344 3774200.625 338.00
   LOCATION L0001452     VOLUME   477862.932 3774200.811 338.00
   LOCATION L0001453     VOLUME   477871.520 3774200.998 338.00
   LOCATION L0001454     VOLUME   477880.108 3774201.185 338.01
   LOCATION L0001455     VOLUME   477888.696 3774201.372 338.30
   LOCATION L0001456     VOLUME   477897.284 3774201.559 338.58
   LOCATION L0001457     VOLUME   477905.872 3774201.746 338.87
   LOCATION L0001458     VOLUME   477914.460 3774201.933 339.00
   LOCATION L0001459     VOLUME   477923.048 3774202.120 339.00
   LOCATION L0001460     VOLUME   477931.636 3774202.307 339.00
   LOCATION L0001461     VOLUME   477940.224 3774202.493 339.00
   LOCATION L0001462     VOLUME   477948.812 3774202.680 339.00
   LOCATION L0001463     VOLUME   477957.400 3774202.867 339.00
   LOCATION L0001464     VOLUME   477965.988 3774203.054 339.00
   LOCATION L0001465     VOLUME   477974.576 3774203.241 339.16
   LOCATION L0001466     VOLUME   477983.164 3774203.428 339.44
   LOCATION L0001467     VOLUME   477991.752 3774203.615 339.73
   LOCATION L0001468     VOLUME   478000.340 3774203.802 340.00
   LOCATION L0001469     VOLUME   478008.928 3774203.989 340.00
   LOCATION L0001470     VOLUME   478017.516 3774204.175 340.00
   LOCATION L0001471     VOLUME   478026.104 3774204.362 340.00
   LOCATION L0001472     VOLUME   478034.692 3774204.549 340.00
   LOCATION L0001473     VOLUME   478043.276 3774204.838 340.00
   LOCATION L0001474     VOLUME   478051.859 3774205.189 340.00
   LOCATION L0001475     VOLUME   478060.442 3774205.541 340.00
   LOCATION L0001476     VOLUME   478069.025 3774205.892 340.00
   LOCATION L0001477     VOLUME   478077.608 3774206.244 340.00
   LOCATION L0001478     VOLUME   478086.190 3774206.595 340.00
   LOCATION L0001479     VOLUME   478094.773 3774206.947 340.16
   LOCATION L0001480     VOLUME   478103.356 3774207.298 340.45
** End of LINE VOLUME Source ID = SLINE7
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE8
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** DESCRSRC 5th 80% W
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 5.593E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 5
** 478107.997, 3774206.493, 340.56, 3.49, 4.00
** 478352.087, 3774206.493, 342.00, 3.49, 4.00
** 478540.539, 3774205.147, 343.93, 3.49, 4.00
** 478771.169, 3774204.250, 345.00, 3.49, 4.00
** 479147.349, 3774204.275, 348.16, 3.49, 4.00
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   LOCATION L0001481     VOLUME   478112.292 3774206.493 340.75
   LOCATION L0001482     VOLUME   478120.882 3774206.493 341.00
   LOCATION L0001483     VOLUME   478129.472 3774206.493 341.00
   LOCATION L0001484     VOLUME   478138.062 3774206.493 341.00
   LOCATION L0001485     VOLUME   478146.652 3774206.493 341.00
   LOCATION L0001486     VOLUME   478155.242 3774206.493 341.00
   LOCATION L0001487     VOLUME   478163.832 3774206.493 341.00
   LOCATION L0001488     VOLUME   478172.422 3774206.493 341.00
   LOCATION L0001489     VOLUME   478181.012 3774206.493 341.00
   LOCATION L0001490     VOLUME   478189.602 3774206.493 341.00
   LOCATION L0001491     VOLUME   478198.192 3774206.493 341.00
   LOCATION L0001492     VOLUME   478206.782 3774206.493 341.00
   LOCATION L0001493     VOLUME   478215.372 3774206.493 341.18
   LOCATION L0001494     VOLUME   478223.962 3774206.493 341.47
   LOCATION L0001495     VOLUME   478232.552 3774206.493 341.76
   LOCATION L0001496     VOLUME   478241.142 3774206.493 342.00
   LOCATION L0001497     VOLUME   478249.732 3774206.493 342.00
   LOCATION L0001498     VOLUME   478258.322 3774206.493 342.00
   LOCATION L0001499     VOLUME   478266.912 3774206.493 342.00
   LOCATION L0001500     VOLUME   478275.502 3774206.493 342.00
   LOCATION L0001501     VOLUME   478284.092 3774206.493 342.00
   LOCATION L0001502     VOLUME   478292.682 3774206.493 342.00
   LOCATION L0001503     VOLUME   478301.272 3774206.493 342.00
   LOCATION L0001504     VOLUME   478309.862 3774206.493 342.00
   LOCATION L0001505     VOLUME   478318.452 3774206.493 342.00
   LOCATION L0001506     VOLUME   478327.042 3774206.493 342.00
   LOCATION L0001507     VOLUME   478335.632 3774206.493 342.00
   LOCATION L0001508     VOLUME   478344.222 3774206.493 342.00
   LOCATION L0001509     VOLUME   478352.812 3774206.488 342.00
   LOCATION L0001510     VOLUME   478361.401 3774206.427 342.02
   LOCATION L0001511     VOLUME   478369.991 3774206.365 342.11
   LOCATION L0001512     VOLUME   478378.581 3774206.304 342.21
   LOCATION L0001513     VOLUME   478387.171 3774206.242 342.30
   LOCATION L0001514     VOLUME   478395.761 3774206.181 342.46
   LOCATION L0001515     VOLUME   478404.350 3774206.120 342.65
   LOCATION L0001516     VOLUME   478412.940 3774206.058 342.84
   LOCATION L0001517     VOLUME   478421.530 3774205.997 343.00
   LOCATION L0001518     VOLUME   478430.120 3774205.936 343.00
   LOCATION L0001519     VOLUME   478438.709 3774205.874 343.00
   LOCATION L0001520     VOLUME   478447.299 3774205.813 343.00
   LOCATION L0001521     VOLUME   478455.889 3774205.752 343.00
   LOCATION L0001522     VOLUME   478464.479 3774205.690 343.00
   LOCATION L0001523     VOLUME   478473.069 3774205.629 343.00
   LOCATION L0001524     VOLUME   478481.658 3774205.568 343.02
   LOCATION L0001525     VOLUME   478490.248 3774205.506 343.11
   LOCATION L0001526     VOLUME   478498.838 3774205.445 343.19
   LOCATION L0001527     VOLUME   478507.428 3774205.384 343.28
   LOCATION L0001528     VOLUME   478516.017 3774205.322 343.44
   LOCATION L0001529     VOLUME   478524.607 3774205.261 343.64
   LOCATION L0001530     VOLUME   478533.197 3774205.199 343.84
   LOCATION L0001531     VOLUME   478541.787 3774205.142 344.00
   LOCATION L0001532     VOLUME   478550.377 3774205.109 344.00
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LOCATION L0001533 VOLUME 478558.967 3774205.075 344.00
LOCATION L0001534 VOLUME 478567.557 3774205.042 344.00
LOCATION L0001535 VOLUME 478576.147 3774205.008 344.00
LOCATION L0001536 VOLUME 478584.736 3774204.975 344.00
LOCATION L0001537 VOLUME 478593.326 3774204.942 344.00
LOCATION L0001538 VOLUME 478601.916 3774204.908 344.00
LOCATION L0001539 VOLUME 478610.506 3774204.875 344.00
LOCATION L0001540 VOLUME 478619.096 3774204.841 344.00
LOCATION L0001541 VOLUME 478627.686 3774204.808 344.00
LOCATION L0001542 VOLUME 478636.276 3774204.774 344.00
LOCATION L0001543 VOLUME 478644.866 3774204.741 344.00
LOCATION L0001544 VOLUME 478653.456 3774204.708 344.00
LOCATION L0001545 VOLUME 478662.046 3774204.674 344.07
LOCATION L0001546 VOLUME 478670.636 3774204.641 344.36
LOCATION L0001547 VOLUME 478679.226 3774204.607 344.65
LOCATION L0001548 VOLUME 478687.816 3774204.574 344.93
LOCATION L0001549 VOLUME 478696.406 3774204.541 345.00
LOCATION L0001550 VOLUME 478704.996 3774204.507 345.00
LOCATION L0001551 VOLUME 478713.585 3774204.474 345.00
LOCATION L0001552 VOLUME 478722.175 3774204.440 345.00
LOCATION L0001553 VOLUME 478730.765 3774204.407 345.00
LOCATION L0001554 VOLUME 478739.355 3774204.373 345.00
LOCATION L0001555 VOLUME 478747.945 3774204.340 345.00
LOCATION L0001556 VOLUME 478756.535 3774204.307 345.00
LOCATION L0001557 VOLUME 478765.125 3774204.273 345.00
LOCATION L0001558 VOLUME 478773.715 3774204.250 345.00
LOCATION L0001559 VOLUME 478782.305 3774204.250 345.00
LOCATION L0001560 VOLUME 478790.895 3774204.251 345.00
LOCATION L0001561 VOLUME 478799.485 3774204.252 345.00
LOCATION L0001562 VOLUME 478808.075 3774204.252 345.00
LOCATION L0001563 VOLUME 478816.665 3774204.253 345.23
LOCATION L0001564 VOLUME 478825.255 3774204.253 345.51
LOCATION L0001565 VOLUME 478833.845 3774204.254 345.80
LOCATION L0001566 VOLUME 478842.435 3774204.254 346.00
LOCATION L0001567 VOLUME 478851.025 3774204.255 346.00
LOCATION L0001568 VOLUME 478859.615 3774204.256 346.00
LOCATION L0001569 VOLUME 478868.205 3774204.256 346.00
LOCATION L0001570 VOLUME 478876.795 3774204.257 346.06
LOCATION L0001571 VOLUME 478885.385 3774204.257 346.14
LOCATION L0001572 VOLUME 478893.975 3774204.258 346.21
LOCATION L0001573 VOLUME 478902.565 3774204.259 346.33
LOCATION L0001574 VOLUME 478911.155 3774204.259 346.54
LOCATION L0001575 VOLUME 478919.745 3774204.260 346.75
LOCATION L0001576 VOLUME 478928.335 3774204.260 346.96
LOCATION L0001577 VOLUME 478936.925 3774204.261 347.00
LOCATION L0001578 VOLUME 478945.515 3774204.262 347.00
LOCATION L0001579 VOLUME 478954.105 3774204.262 347.00
LOCATION L0001580 VOLUME 478962.695 3774204.263 347.00
LOCATION L0001581 VOLUME 478971.285 3774204.263 347.00
LOCATION L0001582 VOLUME 478979.875 3774204.264 347.00
LOCATION L0001583 VOLUME 478988.465 3774204.264 347.00
LOCATION L0001584 VOLUME 478997.055 3774204.265 347.24
LOCATION L0001585 VOLUME 479005.645 3774204.266 347.53
LOCATION L0001586 VOLUME 479014.235 3774204.266 347.81
LOCATION L0001587 VOLUME 479022.825 3774204.267 348.00
LOCATION L0001588 VOLUME 479031.415 3774204.267 348.00
LOCATION L0001589 VOLUME 479040.005 3774204.268 348.00
LOCATION L0001590 VOLUME 479048.595 3774204.269 348.00
LOCATION L0001591 VOLUME 479057.185 3774204.269 348.00
LOCATION L0001592 VOLUME 479065.775 3774204.270 348.00
LOCATION L0001593 VOLUME 479074.365 3774204.270 348.00
LOCATION L0001594 VOLUME 479082.955 3774204.271 348.00
LOCATION L0001595 VOLUME 479091.545 3774204.272 348.00
LOCATION L0001596 VOLUME 479100.135 3774204.272 348.00
LOCATION L0001597 VOLUME 479108.725 3774204.273 348.00
LOCATION L0001598 VOLUME 479117.315 3774204.273 348.00

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   LOCATION L0001599     VOLUME   479125.905 3774204.274 348.00
   LOCATION L0001600     VOLUME   479134.495 3774204.274 348.00
   LOCATION L0001601     VOLUME   479143.085 3774204.275 348.11
** End of LINE VOLUME Source ID = SLINE8
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE9
** DESCRSRC 5th 80% E
** PREFIX
** Length of Side = 14.00
** Configuration = Adjacent
** Emission Rate = 8.594E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 7
** 479147.730, 3774204.275, 348.17, 3.49, 6.51
** 479394.497, 3774201.987, 350.00, 3.49, 6.51
** 479601.979, 3774201.987, 352.00, 3.49, 6.51
** 479934.103, 3774202.673, 354.00, 3.49, 6.51
** 479968.262, 3774200.810, 354.63, 3.49, 6.51
** 480211.716, 3774178.452, 357.79, 3.49, 6.51
** 480742.099, 3774137.462, 363.28, 3.49, 6.51
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   LOCATION L0001602     VOLUME   479154.730 3774204.210 348.50
   LOCATION L0001603     VOLUME   479168.730 3774204.081 348.96
   LOCATION L0001604     VOLUME   479182.729 3774203.951 349.00
   LOCATION L0001605     VOLUME   479196.728 3774203.821 349.00
   LOCATION L0001606     VOLUME   479210.728 3774203.691 349.00
   LOCATION L0001607     VOLUME   479224.727 3774203.561 349.00
   LOCATION L0001608     VOLUME   479238.726 3774203.432 349.07
   LOCATION L0001609     VOLUME   479252.726 3774203.302 349.18
   LOCATION L0001610     VOLUME   479266.725 3774203.172 349.41
   LOCATION L0001611     VOLUME   479280.725 3774203.042 349.76
   LOCATION L0001612     VOLUME   479294.724 3774202.912 350.00
   LOCATION L0001613     VOLUME   479308.723 3774202.782 350.00
   LOCATION L0001614     VOLUME   479322.723 3774202.653 350.00
   LOCATION L0001615     VOLUME   479336.722 3774202.523 350.00
   LOCATION L0001616     VOLUME   479350.722 3774202.393 350.00
   LOCATION L0001617     VOLUME   479364.721 3774202.263 350.00
   LOCATION L0001618     VOLUME   479378.720 3774202.133 350.00
   LOCATION L0001619     VOLUME   479392.720 3774202.003 350.08
   LOCATION L0001620     VOLUME   479406.720 3774201.987 350.17
   LOCATION L0001621     VOLUME   479420.720 3774201.987 350.48
   LOCATION L0001622     VOLUME   479434.720 3774201.987 350.86
   LOCATION L0001623     VOLUME   479448.720 3774201.987 351.00
   LOCATION L0001624     VOLUME   479462.720 3774201.987 351.00
   LOCATION L0001625     VOLUME   479476.720 3774201.987 351.00
   LOCATION L0001626     VOLUME   479490.720 3774201.987 351.00
   LOCATION L0001627     VOLUME   479504.720 3774201.987 351.16
   LOCATION L0001628     VOLUME   479518.720 3774201.987 351.63
   LOCATION L0001629     VOLUME   479532.720 3774201.987 352.00
   LOCATION L0001630     VOLUME   479546.720 3774201.987 352.00
   LOCATION L0001631     VOLUME   479560.720 3774201.987 352.00
   LOCATION L0001632     VOLUME   479574.720 3774201.987 352.00
   LOCATION L0001633     VOLUME   479588.720 3774201.987 352.00
   LOCATION L0001634     VOLUME   479602.720 3774201.988 352.00
   LOCATION L0001635     VOLUME   479616.720 3774202.017 352.00
   LOCATION L0001636     VOLUME   479630.720 3774202.046 352.36
   LOCATION L0001637     VOLUME   479644.720 3774202.075 352.83
   LOCATION L0001638     VOLUME   479658.720 3774202.104 353.00
   LOCATION L0001639     VOLUME   479672.720 3774202.133 353.00
   LOCATION L0001640     VOLUME   479686.720 3774202.162 353.00
   LOCATION L0001641     VOLUME   479700.720 3774202.191 353.00
   LOCATION L0001642     VOLUME   479714.720 3774202.220 353.00
   LOCATION L0001643     VOLUME   479728.720 3774202.249 353.00
   LOCATION L0001644     VOLUME   479742.719 3774202.278 353.02
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LOCATION L0001645 VOLUME 479756.719 3774202.307 353.11
LOCATION L0001646 VOLUME 479770.719 3774202.336 353.20
LOCATION L0001647 VOLUME 479784.719 3774202.364 353.20
LOCATION L0001648 VOLUME 479798.719 3774202.393 353.20
LOCATION L0001649 VOLUME 479812.719 3774202.422 353.21
LOCATION L0001650 VOLUME 479826.719 3774202.451 353.21
LOCATION L0001651 VOLUME 479840.719 3774202.480 353.49
LOCATION L0001652 VOLUME 479854.719 3774202.509 353.86
LOCATION L0001653 VOLUME 479868.719 3774202.538 354.00
LOCATION L0001654 VOLUME 479882.719 3774202.567 354.00
LOCATION L0001655 VOLUME 479896.719 3774202.596 354.00
LOCATION L0001656 VOLUME 479910.719 3774202.625 354.00
LOCATION L0001657 VOLUME 479924.719 3774202.654 354.00
LOCATION L0001658 VOLUME 479938.712 3774202.422 354.00
LOCATION L0001659 VOLUME 479952.691 3774201.659 354.09
LOCATION L0001660 VOLUME 479966.671 3774200.897 354.56
LOCATION L0001661 VOLUME 479980.616 3774199.675 355.00
LOCATION L0001662 VOLUME 479994.558 3774198.395 355.03
LOCATION L0001663 VOLUME 480008.499 3774197.115 355.03
LOCATION L0001664 VOLUME 480022.440 3774195.834 355.42
LOCATION L0001665 VOLUME 480036.382 3774194.554 355.88
LOCATION L0001666 VOLUME 480050.323 3774193.274 356.00
LOCATION L0001667 VOLUME 480064.264 3774191.993 356.00
LOCATION L0001668 VOLUME 480078.206 3774190.713 356.00
LOCATION L0001669 VOLUME 480092.147 3774189.433 356.00
LOCATION L0001670 VOLUME 480106.088 3774188.152 356.21
LOCATION L0001671 VOLUME 480120.030 3774186.872 356.67
LOCATION L0001672 VOLUME 480133.971 3774185.592 357.00
LOCATION L0001673 VOLUME 480147.912 3774184.311 357.00
LOCATION L0001674 VOLUME 480161.854 3774183.031 357.00
LOCATION L0001675 VOLUME 480175.795 3774181.751 357.00
LOCATION L0001676 VOLUME 480189.736 3774180.470 357.00
LOCATION L0001677 VOLUME 480203.678 3774179.190 357.46
LOCATION L0001678 VOLUME 480217.626 3774177.995 357.92
LOCATION L0001679 VOLUME 480231.585 3774176.916 358.00
LOCATION L0001680 VOLUME 480245.543 3774175.838 358.00
LOCATION L0001681 VOLUME 480259.501 3774174.759 358.00
LOCATION L0001682 VOLUME 480273.460 3774173.680 358.00
LOCATION L0001683 VOLUME 480287.418 3774172.601 358.25
LOCATION L0001684 VOLUME 480301.376 3774171.523 358.72
LOCATION L0001685 VOLUME 480315.335 3774170.444 359.00
LOCATION L0001686 VOLUME 480329.293 3774169.365 359.00
LOCATION L0001687 VOLUME 480343.252 3774168.286 359.00
LOCATION L0001688 VOLUME 480357.210 3774167.208 359.00
LOCATION L0001689 VOLUME 480371.168 3774166.129 359.00
LOCATION L0001690 VOLUME 480385.127 3774165.050 359.00
LOCATION L0001691 VOLUME 480399.085 3774163.971 359.00
LOCATION L0001692 VOLUME 480413.043 3774162.893 359.44
LOCATION L0001693 VOLUME 480427.002 3774161.814 359.90
LOCATION L0001694 VOLUME 480440.960 3774160.735 360.00
LOCATION L0001695 VOLUME 480454.919 3774159.656 360.00
LOCATION L0001696 VOLUME 480468.877 3774158.578 360.00
LOCATION L0001697 VOLUME 480482.835 3774157.499 360.00
LOCATION L0001698 VOLUME 480496.794 3774156.420 360.23
LOCATION L0001699 VOLUME 480510.752 3774155.341 360.70
LOCATION L0001700 VOLUME 480524.711 3774154.263 361.00
LOCATION L0001701 VOLUME 480538.669 3774153.184 361.00
LOCATION L0001702 VOLUME 480552.627 3774152.105 361.09
LOCATION L0001703 VOLUME 480566.586 3774151.026 361.56
LOCATION L0001704 VOLUME 480580.544 3774149.948 362.00
LOCATION L0001705 VOLUME 480594.502 3774148.869 362.00
LOCATION L0001706 VOLUME 480608.461 3774147.790 362.00
LOCATION L0001707 VOLUME 480622.419 3774146.711 362.00
LOCATION L0001708 VOLUME 480636.378 3774145.633 362.00
LOCATION L0001709 VOLUME 480650.336 3774144.554 362.25
LOCATION L0001710 VOLUME 480664.294 3774143.475 362.62

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   LOCATION L0001711     VOLUME   480678.253 3774142.396 362.85
   LOCATION L0001712     VOLUME   480692.211 3774141.318 362.96
   LOCATION L0001713     VOLUME   480706.169 3774140.239 363.00
   LOCATION L0001714     VOLUME   480720.128 3774139.160 363.00
   LOCATION L0001715     VOLUME   480734.086 3774138.081 363.13
** End of LINE VOLUME Source ID = SLINE9
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE10
** DESCRSRC 5th 67%
** PREFIX
** Length of Side = 14.00
** Configuration = Adjacent
** Emission Rate = 4.421E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 6
** 480742.072, 3774138.211, 363.28, 3.49, 6.51
** 480951.623, 3774119.365, 365.40, 3.49, 6.51
** 481149.059, 3774104.557, 368.00, 3.49, 6.51
** 481226.687, 3774110.839, 368.54, 3.49, 6.51
** 481502.649, 3774130.134, 371.88, 3.49, 6.51
** 481719.829, 3774148.980, 374.89, 3.49, 6.51
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   LOCATION L0001716     VOLUME   480749.044 3774137.584 363.61
   LOCATION L0001717     VOLUME   480762.987 3774136.330 364.00
   LOCATION L0001718     VOLUME   480776.931 3774135.076 364.00
   LOCATION L0001719     VOLUME   480790.875 3774133.822 364.00
   LOCATION L0001720     VOLUME   480804.818 3774132.568 364.00
   LOCATION L0001721     VOLUME   480818.762 3774131.314 364.00
   LOCATION L0001722     VOLUME   480832.706 3774130.060 364.09
   LOCATION L0001723     VOLUME   480846.650 3774128.806 364.22
   LOCATION L0001724     VOLUME   480860.593 3774127.552 364.54
   LOCATION L0001725     VOLUME   480874.537 3774126.298 364.88
   LOCATION L0001726     VOLUME   480888.481 3774125.043 365.00
   LOCATION L0001727     VOLUME   480902.425 3774123.789 365.00
   LOCATION L0001728     VOLUME   480916.368 3774122.535 365.00
   LOCATION L0001729     VOLUME   480930.312 3774121.281 365.00
   LOCATION L0001730     VOLUME   480944.256 3774120.027 365.15
   LOCATION L0001731     VOLUME   480958.207 3774118.871 365.61
   LOCATION L0001732     VOLUME   480972.168 3774117.824 366.00
   LOCATION L0001733     VOLUME   480986.129 3774116.777 366.00
   LOCATION L0001734     VOLUME   481000.090 3774115.730 366.00
   LOCATION L0001735     VOLUME   481014.051 3774114.683 366.00
   LOCATION L0001736     VOLUME   481028.011 3774113.636 366.00
   LOCATION L0001737     VOLUME   481041.972 3774112.589 366.40
   LOCATION L0001738     VOLUME   481055.933 3774111.541 366.87
   LOCATION L0001739     VOLUME   481069.894 3774110.494 367.00
   LOCATION L0001740     VOLUME   481083.855 3774109.447 367.00
   LOCATION L0001741     VOLUME   481097.815 3774108.400 367.00
   LOCATION L0001742     VOLUME   481111.776 3774107.353 367.00
   LOCATION L0001743     VOLUME   481125.737 3774106.306 367.19
   LOCATION L0001744     VOLUME   481139.698 3774105.259 367.67
   LOCATION L0001745     VOLUME   481153.656 3774104.929 368.00
   LOCATION L0001746     VOLUME   481167.611 3774106.058 368.00
   LOCATION L0001747     VOLUME   481181.565 3774107.188 368.00
   LOCATION L0001748     VOLUME   481195.520 3774108.317 368.00
   LOCATION L0001749     VOLUME   481209.474 3774109.446 368.00
   LOCATION L0001750     VOLUME   481223.428 3774110.575 368.45
   LOCATION L0001751     VOLUME   481237.392 3774111.587 368.92
   LOCATION L0001752     VOLUME   481251.357 3774112.564 369.00
   LOCATION L0001753     VOLUME   481265.323 3774113.540 369.00
   LOCATION L0001754     VOLUME   481279.289 3774114.517 369.00
   LOCATION L0001755     VOLUME   481293.255 3774115.493 369.00
   LOCATION L0001756     VOLUME   481307.221 3774116.470 369.24
   LOCATION L0001757     VOLUME   481321.187 3774117.446 369.71
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   LOCATION L0001758     VOLUME   481335.153 3774118.423 370.00
   LOCATION L0001759     VOLUME   481349.119 3774119.399 370.00
   LOCATION L0001760     VOLUME   481363.085 3774120.376 370.00
   LOCATION L0001761     VOLUME   481377.051 3774121.352 370.00
   LOCATION L0001762     VOLUME   481391.016 3774122.329 370.04
   LOCATION L0001763     VOLUME   481404.982 3774123.305 370.50
   LOCATION L0001764     VOLUME   481418.948 3774124.282 370.97
   LOCATION L0001765     VOLUME   481432.914 3774125.258 371.00
   LOCATION L0001766     VOLUME   481446.880 3774126.235 371.00
   LOCATION L0001767     VOLUME   481460.846 3774127.211 371.11
   LOCATION L0001768     VOLUME   481474.812 3774128.188 371.22
   LOCATION L0001769     VOLUME   481488.778 3774129.164 371.46
   LOCATION L0001770     VOLUME   481502.744 3774130.142 371.81
   LOCATION L0001771     VOLUME   481516.691 3774131.352 372.00
   LOCATION L0001772     VOLUME   481530.639 3774132.563 372.00
   LOCATION L0001773     VOLUME   481544.586 3774133.773 372.01
   LOCATION L0001774     VOLUME   481558.534 3774134.983 372.03
   LOCATION L0001775     VOLUME   481572.482 3774136.194 372.09
   LOCATION L0001776     VOLUME   481586.429 3774137.404 372.55
   LOCATION L0001777     VOLUME   481600.377 3774138.614 373.01
   LOCATION L0001778     VOLUME   481614.324 3774139.825 373.42
   LOCATION L0001779     VOLUME   481628.272 3774141.035 373.79
   LOCATION L0001780     VOLUME   481642.219 3774142.245 373.88
   LOCATION L0001781     VOLUME   481656.167 3774143.456 373.97
   LOCATION L0001782     VOLUME   481670.115 3774144.666 374.00
   LOCATION L0001783     VOLUME   481684.062 3774145.876 374.00
   LOCATION L0001784     VOLUME   481698.010 3774147.087 374.17
   LOCATION L0001785     VOLUME   481711.957 3774148.297 374.44
** End of LINE VOLUME Source ID = SLINE10
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE11
** DESCRSRC 5th 5%
** PREFIX
** Length of Side = 14.00
** Configuration = Adjacent
** Emission Rate = 4.042E-07
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 10
** 481720.780, 3774150.511, 374.55, 3.49, 6.51
** 481955.170, 3774170.572, 377.00, 3.49, 6.51
** 482157.886, 3774187.993, 378.53, 3.49, 6.51
** 482304.116, 3774200.134, 380.95, 3.49, 6.51
** 482457.737, 3774209.637, 382.00, 3.49, 6.51
** 482571.237, 3774209.637, 383.31, 3.49, 6.51
** 482663.621, 3774209.637, 384.38, 3.49, 6.51
** 482767.090, 3774195.911, 386.02, 3.49, 6.51
** 482853.139, 3774179.546, 387.80, 3.49, 6.51
** 482916.488, 3774166.876, 388.98, 3.49, 6.51
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   LOCATION L0001786     VOLUME   481727.754 3774151.108 374.63
   LOCATION L0001787     VOLUME   481741.703 3774152.302 374.85
   LOCATION L0001788     VOLUME   481755.652 3774153.496 375.00
   LOCATION L0001789     VOLUME   481769.601 3774154.690 375.00
   LOCATION L0001790     VOLUME   481783.550 3774155.883 375.04
   LOCATION L0001791     VOLUME   481797.499 3774157.077 375.18
   LOCATION L0001792     VOLUME   481811.448 3774158.271 375.30
   LOCATION L0001793     VOLUME   481825.397 3774159.465 375.63
   LOCATION L0001794     VOLUME   481839.346 3774160.659 375.98
   LOCATION L0001795     VOLUME   481853.295 3774161.853 376.00
   LOCATION L0001796     VOLUME   481867.244 3774163.046 376.00
   LOCATION L0001797     VOLUME   481881.193 3774164.240 376.00
   LOCATION L0001798     VOLUME   481895.142 3774165.434 376.00
   LOCATION L0001799     VOLUME   481909.091 3774166.628 376.30
   LOCATION L0001800     VOLUME   481923.040 3774167.822 376.73
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LOCATION L0001801 VOLUME 481936.989 3774169.016 376.93
LOCATION L0001802 VOLUME 481950.938 3774170.210 376.96
LOCATION L0001803 VOLUME 481964.887 3774171.407 377.00
LOCATION L0001804 VOLUME 481978.835 3774172.605 377.00
LOCATION L0001805 VOLUME 481992.784 3774173.804 377.00
LOCATION L0001806 VOLUME 482006.733 3774175.003 377.00
LOCATION L0001807 VOLUME 482020.681 3774176.202 377.02
LOCATION L0001808 VOLUME 482034.630 3774177.400 377.31
LOCATION L0001809 VOLUME 482048.578 3774178.599 377.56
LOCATION L0001810 VOLUME 482062.527 3774179.798 377.74
LOCATION L0001811 VOLUME 482076.476 3774180.996 377.94
LOCATION L0001812 VOLUME 482090.424 3774182.195 378.00
LOCATION L0001813 VOLUME 482104.373 3774183.394 378.00
LOCATION L0001814 VOLUME 482118.321 3774184.593 378.00
LOCATION L0001815 VOLUME 482132.270 3774185.791 378.00
LOCATION L0001816 VOLUME 482146.218 3774186.990 378.21
LOCATION L0001817 VOLUME 482160.168 3774188.182 378.67
LOCATION L0001818 VOLUME 482174.120 3774189.341 379.00
LOCATION L0001819 VOLUME 482188.072 3774190.499 379.00
LOCATION L0001820 VOLUME 482202.024 3774191.657 379.07
LOCATION L0001821 VOLUME 482215.976 3774192.816 379.54
LOCATION L0001822 VOLUME 482229.928 3774193.974 380.00
LOCATION L0001823 VOLUME 482243.880 3774195.133 380.00
LOCATION L0001824 VOLUME 482257.832 3774196.291 380.00
LOCATION L0001825 VOLUME 482271.784 3774197.450 380.40
LOCATION L0001826 VOLUME 482285.736 3774198.608 380.86
LOCATION L0001827 VOLUME 482299.687 3774199.767 381.00
LOCATION L0001828 VOLUME 482313.654 3774200.724 381.00
LOCATION L0001829 VOLUME 482327.627 3774201.589 381.00
LOCATION L0001830 VOLUME 482341.601 3774202.453 381.00
LOCATION L0001831 VOLUME 482355.574 3774203.317 381.19
LOCATION L0001832 VOLUME 482369.547 3774204.182 381.65
LOCATION L0001833 VOLUME 482383.520 3774205.046 382.00
LOCATION L0001834 VOLUME 482397.494 3774205.910 382.00
LOCATION L0001835 VOLUME 482411.467 3774206.775 382.00
LOCATION L0001836 VOLUME 482425.440 3774207.639 382.00
LOCATION L0001837 VOLUME 482439.414 3774208.503 382.00
LOCATION L0001838 VOLUME 482453.387 3774209.368 382.00
LOCATION L0001839 VOLUME 482467.379 3774209.637 382.00
LOCATION L0001840 VOLUME 482481.379 3774209.637 382.38
LOCATION L0001841 VOLUME 482495.379 3774209.637 382.85
LOCATION L0001842 VOLUME 482509.379 3774209.637 383.00
LOCATION L0001843 VOLUME 482523.379 3774209.637 383.00
LOCATION L0001844 VOLUME 482537.379 3774209.637 383.00
LOCATION L0001845 VOLUME 482551.379 3774209.637 383.00
LOCATION L0001846 VOLUME 482565.379 3774209.637 383.18
LOCATION L0001847 VOLUME 482579.379 3774209.637 383.65
LOCATION L0001848 VOLUME 482593.379 3774209.637 384.00
LOCATION L0001849 VOLUME 482607.379 3774209.637 384.00
LOCATION L0001850 VOLUME 482621.379 3774209.637 384.00
LOCATION L0001851 VOLUME 482635.379 3774209.637 384.00
LOCATION L0001852 VOLUME 482649.379 3774209.637 384.00
LOCATION L0001853 VOLUME 482663.379 3774209.637 384.45
LOCATION L0001854 VOLUME 482677.259 3774207.828 384.91
LOCATION L0001855 VOLUME 482691.138 3774205.987 385.00
LOCATION L0001856 VOLUME 482705.016 3774204.146 385.00
LOCATION L0001857 VOLUME 482718.894 3774202.305 385.30
LOCATION L0001858 VOLUME 482732.773 3774200.464 385.76
LOCATION L0001859 VOLUME 482746.651 3774198.623 386.00
LOCATION L0001860 VOLUME 482760.530 3774196.781 386.00
LOCATION L0001861 VOLUME 482774.342 3774194.532 386.20
LOCATION L0001862 VOLUME 482788.096 3774191.916 386.66
LOCATION L0001863 VOLUME 482801.849 3774189.301 387.00
LOCATION L0001864 VOLUME 482815.603 3774186.685 387.00
LOCATION L0001865 VOLUME 482829.356 3774184.069 387.00
LOCATION L0001866 VOLUME 482843.110 3774181.454 387.44

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   LOCATION L0001867     VOLUME   482856.856 3774178.803 387.90
   LOCATION L0001868     VOLUME   482870.584 3774176.057 388.00
   LOCATION L0001869     VOLUME   482884.313 3774173.311 388.00
   LOCATION L0001870     VOLUME   482898.041 3774170.566 388.23
   LOCATION L0001871     VOLUME   482911.769 3774167.820 388.69
** End of LINE VOLUME Source ID = SLINE11
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE12
** DESCRSRC Palm 8%
** PREFIX
** Length of Side = 14.00
** Configuration = Adjacent
** Emission Rate = 3.54E-07
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 3
** 480741.619, 3774126.198, 363.26, 3.49, 6.51
** 480739.507, 3773776.168, 365.12, 3.49, 6.51
** 480745.842, 3773468.373, 362.44, 3.49, 6.51
** ----------------------------------------------------------------------
   LOCATION L0001872     VOLUME   480741.576 3774119.198 363.39
   LOCATION L0001873     VOLUME   480741.492 3774105.199 363.39
   LOCATION L0001874     VOLUME   480741.407 3774091.199 363.38
   LOCATION L0001875     VOLUME   480741.323 3774077.199 363.38
   LOCATION L0001876     VOLUME   480741.239 3774063.199 363.65
   LOCATION L0001877     VOLUME   480741.154 3774049.200 363.94
   LOCATION L0001878     VOLUME   480741.070 3774035.200 364.00
   LOCATION L0001879     VOLUME   480740.985 3774021.200 364.00
   LOCATION L0001880     VOLUME   480740.901 3774007.201 364.11
   LOCATION L0001881     VOLUME   480740.816 3773993.201 364.28
   LOCATION L0001882     VOLUME   480740.732 3773979.201 364.51
   LOCATION L0001883     VOLUME   480740.647 3773965.201 364.81
   LOCATION L0001884     VOLUME   480740.563 3773951.202 365.06
   LOCATION L0001885     VOLUME   480740.478 3773937.202 365.22
   LOCATION L0001886     VOLUME   480740.394 3773923.202 365.35
   LOCATION L0001887     VOLUME   480740.309 3773909.202 365.35
   LOCATION L0001888     VOLUME   480740.225 3773895.203 365.34
   LOCATION L0001889     VOLUME   480740.140 3773881.203 365.34
   LOCATION L0001890     VOLUME   480740.056 3773867.203 365.34
   LOCATION L0001891     VOLUME   480739.972 3773853.203 365.34
   LOCATION L0001892     VOLUME   480739.887 3773839.204 365.33
   LOCATION L0001893     VOLUME   480739.803 3773825.204 365.33
   LOCATION L0001894     VOLUME   480739.718 3773811.204 365.33
   LOCATION L0001895     VOLUME   480739.634 3773797.204 365.32
   LOCATION L0001896     VOLUME   480739.549 3773783.205 365.32
   LOCATION L0001897     VOLUME   480739.650 3773769.206 365.33
   LOCATION L0001898     VOLUME   480739.938 3773755.209 365.33
   LOCATION L0001899     VOLUME   480740.226 3773741.212 365.34
   LOCATION L0001900     VOLUME   480740.514 3773727.215 365.35
   LOCATION L0001901     VOLUME   480740.802 3773713.218 365.36
   LOCATION L0001902     VOLUME   480741.091 3773699.221 365.37
   LOCATION L0001903     VOLUME   480741.379 3773685.224 365.38
   LOCATION L0001904     VOLUME   480741.667 3773671.227 365.39
   LOCATION L0001905     VOLUME   480741.955 3773657.230 365.40
   LOCATION L0001906     VOLUME   480742.243 3773643.233 365.41
   LOCATION L0001907     VOLUME   480742.531 3773629.236 365.42
   LOCATION L0001908     VOLUME   480742.819 3773615.239 365.06
   LOCATION L0001909     VOLUME   480743.107 3773601.242 364.61
   LOCATION L0001910     VOLUME   480743.395 3773587.245 364.31
   LOCATION L0001911     VOLUME   480743.684 3773573.248 364.11
   LOCATION L0001912     VOLUME   480743.972 3773559.251 363.88
   LOCATION L0001913     VOLUME   480744.260 3773545.254 363.63
   LOCATION L0001914     VOLUME   480744.548 3773531.257 363.41
   LOCATION L0001915     VOLUME   480744.836 3773517.260 363.18
   LOCATION L0001916     VOLUME   480745.124 3773503.263 362.95
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   LOCATION L0001917     VOLUME   480745.412 3773489.265 362.73
   LOCATION L0001918     VOLUME   480745.700 3773475.268 362.53
** End of LINE VOLUME Source ID = SLINE12
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE13
** DESCRSRC Palm 5%
** PREFIX
** Length of Side = 14.00
** Configuration = Adjacent
** Emission Rate = 1.97E-07
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 4
** 480742.494, 3774148.165, 363.34, 3.49, 6.51
** 480743.791, 3774372.538, 363.00, 3.49, 6.51
** 480745.736, 3774616.041, 363.95, 3.49, 6.51
** 480747.033, 3774733.740, 364.00, 3.49, 6.51
** ----------------------------------------------------------------------
   LOCATION L0001919     VOLUME   480742.534 3774155.165 363.16
   LOCATION L0001920     VOLUME   480742.615 3774169.165 363.00
   LOCATION L0001921     VOLUME   480742.696 3774183.164 363.00
   LOCATION L0001922     VOLUME   480742.777 3774197.164 363.00
   LOCATION L0001923     VOLUME   480742.858 3774211.164 363.00
   LOCATION L0001924     VOLUME   480742.939 3774225.164 363.00
   LOCATION L0001925     VOLUME   480743.020 3774239.163 363.00
   LOCATION L0001926     VOLUME   480743.101 3774253.163 363.00
   LOCATION L0001927     VOLUME   480743.182 3774267.163 363.00
   LOCATION L0001928     VOLUME   480743.263 3774281.163 363.00
   LOCATION L0001929     VOLUME   480743.343 3774295.162 363.00
   LOCATION L0001930     VOLUME   480743.424 3774309.162 363.00
   LOCATION L0001931     VOLUME   480743.505 3774323.162 363.00
   LOCATION L0001932     VOLUME   480743.586 3774337.162 363.00
   LOCATION L0001933     VOLUME   480743.667 3774351.161 363.00
   LOCATION L0001934     VOLUME   480743.748 3774365.161 363.00
   LOCATION L0001935     VOLUME   480743.844 3774379.161 363.00
   LOCATION L0001936     VOLUME   480743.955 3774393.160 363.00
   LOCATION L0001937     VOLUME   480744.067 3774407.160 363.00
   LOCATION L0001938     VOLUME   480744.179 3774421.160 363.00
   LOCATION L0001939     VOLUME   480744.291 3774435.159 363.00
   LOCATION L0001940     VOLUME   480744.403 3774449.159 363.00
   LOCATION L0001941     VOLUME   480744.515 3774463.158 363.00
   LOCATION L0001942     VOLUME   480744.627 3774477.158 363.18
   LOCATION L0001943     VOLUME   480744.738 3774491.157 363.41
   LOCATION L0001944     VOLUME   480744.850 3774505.157 363.50
   LOCATION L0001945     VOLUME   480744.962 3774519.156 363.50
   LOCATION L0001946     VOLUME   480745.074 3774533.156 363.51
   LOCATION L0001947     VOLUME   480745.186 3774547.156 363.51
   LOCATION L0001948     VOLUME   480745.298 3774561.155 363.59
   LOCATION L0001949     VOLUME   480745.410 3774575.155 363.82
   LOCATION L0001950     VOLUME   480745.521 3774589.154 364.00
   LOCATION L0001951     VOLUME   480745.633 3774603.154 364.00
   LOCATION L0001952     VOLUME   480745.748 3774617.153 364.00
   LOCATION L0001953     VOLUME   480745.903 3774631.152 364.00
   LOCATION L0001954     VOLUME   480746.057 3774645.152 364.00
   LOCATION L0001955     VOLUME   480746.211 3774659.151 364.00
   LOCATION L0001956     VOLUME   480746.365 3774673.150 364.00
   LOCATION L0001957     VOLUME   480746.520 3774687.149 364.00
   LOCATION L0001958     VOLUME   480746.674 3774701.148 364.00
   LOCATION L0001959     VOLUME   480746.828 3774715.147 364.00
   LOCATION L0001960     VOLUME   480746.983 3774729.146 364.00
** End of LINE VOLUME Source ID = SLINE13
   LOCATION STCK1        POINT      477591.320  3774375.020      337.000
   LOCATION VOL1         VOLUME     477661.350  3774242.430      337.000
   LOCATION VOL2         VOLUME     477716.520  3774243.728      337.000
   LOCATION VOL3         VOLUME     477770.721  3774244.873      338.000
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   LOCATION VOL4         VOLUME     477824.922  3774246.018      338.000
   LOCATION VOL5         VOLUME     477878.741  3774247.163      338.670
   LOCATION VOL6         VOLUME     477932.560  3774249.454      339.000
   LOCATION VOL7         VOLUME     477986.379  3774250.217      339.550
** Source Parameters **
** LINE VOLUME Source ID = SLINE1
   SRCPARAM L0000981     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0000982     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0000983     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0000984     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0000985     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0000986     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0000987     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0000988     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0000989     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0000990     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0000991     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0000992     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0000993     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0000994     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0000995     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0000996     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0000997     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0000998     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0000999     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001000     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001001     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001002     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001003     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001004     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001005     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001006     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001007     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001008     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001009     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001010     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001011     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001012     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001013     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001014     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001015     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001016     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001017     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001018     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001019     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001020     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001021     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001022     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001023     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001024     0.0000002991      3.49      4.00      3.25
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE2
   SRCPARAM L0001025     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001026     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001027     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001028     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001029     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001030     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001031     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001032     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001033     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001034     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001035     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001036     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001037     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001038     0.0000002991      3.49      4.00      3.25
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   SRCPARAM L0001039     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001040     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001041     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001042     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001043     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001044     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001045     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001046     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001047     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001048     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001049     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001050     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001051     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001052     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001053     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001054     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001055     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001056     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001057     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001058     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001059     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001060     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001061     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001062     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001063     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001064     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001065     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001066     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001067     0.0000002991      3.49      4.00      3.25
   SRCPARAM L0001068     0.0000002991      3.49      4.00      3.25
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE3
   SRCPARAM L0001069     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001070     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001071     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001072     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001073     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001074     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001075     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001076     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001077     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001078     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001079     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001080     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001081     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001082     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001083     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001084     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001085     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001086     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001087     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001088     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001089     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001090     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001091     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001092     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001093     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001094     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001095     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001096     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001097     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001098     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001099     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001100     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001101     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001102     0.0000001343      3.49      4.00      3.25
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   SRCPARAM L0001103     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001104     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001105     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001106     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001107     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001108     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001109     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001110     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001111     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001112     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001113     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001114     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001115     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001116     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001117     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001118     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001119     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001120     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001121     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001122     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001123     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001124     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001125     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001126     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001127     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001128     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001129     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001130     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001131     0.0000001343      3.49      4.00      3.25
   SRCPARAM L0001132     0.0000001343      3.49      4.00      3.25
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE4
   SRCPARAM L0001133     0.000000006956      3.49      4.00      3.25
   SRCPARAM L0001134     0.000000006956      3.49      4.00      3.25
   SRCPARAM L0001135     0.000000006956      3.49      4.00      3.25
   SRCPARAM L0001136     0.000000006956      3.49      4.00      3.25
   SRCPARAM L0001137     0.000000006956      3.49      4.00      3.25
   SRCPARAM L0001138     0.000000006956      3.49      4.00      3.25
   SRCPARAM L0001139     0.000000006956      3.49      4.00      3.25
   SRCPARAM L0001140     0.000000006956      3.49      4.00      3.25
   SRCPARAM L0001141     0.000000006956      3.49      4.00      3.25
   SRCPARAM L0001142     0.000000006956      3.49      4.00      3.25
   SRCPARAM L0001143     0.000000006956      3.49      4.00      3.25
   SRCPARAM L0001144     0.000000006956      3.49      4.00      3.25
   SRCPARAM L0001145     0.000000006956      3.49      4.00      3.25
   SRCPARAM L0001146     0.000000006956      3.49      4.00      3.25
   SRCPARAM L0001147     0.000000006956      3.49      4.00      3.25
   SRCPARAM L0001148     0.000000006956      3.49      4.00      3.25
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE5
   SRCPARAM L0001149     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001150     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001151     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001152     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001153     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001154     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001155     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001156     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001157     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001158     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001159     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001160     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001161     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001162     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001163     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001164     0.000000008656      3.49      4.00      3.25
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SRCPARAM L0001165     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001166     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001167     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001168     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001169     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001170     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001171     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001172     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001173     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001174     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001175     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001176     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001177     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001178     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001179     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001180     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001181     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001182     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001183     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001184     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001185     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001186     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001187     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001188     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001189     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001190     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001191     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001192     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001193     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001194     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001195     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001196     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001197     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001198     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001199     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001200     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001201     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001202     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001203     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001204     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001205     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001206     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001207     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001208     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001209     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001210     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001211     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001212     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001213     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001214     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001215     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001216     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001217     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001218     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001219     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001220     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001221     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001222     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001223     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001224     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001225     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001226     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001227     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001228     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001229     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001230     0.000000008656      3.49      4.00      3.25
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SRCPARAM L0001231     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001232     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001233     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001234     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001235     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001236     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001237     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001238     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001239     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001240     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001241     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001242     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001243     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001244     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001245     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001246     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001247     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001248     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001249     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001250     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001251     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001252     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001253     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001254     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001255     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001256     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001257     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001258     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001259     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001260     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001261     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001262     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001263     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001264     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001265     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001266     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001267     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001268     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001269     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001270     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001271     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001272     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001273     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001274     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001275     0.000000008656      3.49      4.00      3.25
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SRCPARAM L0001277     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001278     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001279     0.000000008656      3.49      4.00      3.25
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SRCPARAM L0001281     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001282     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001283     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001284     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001285     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001286     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001287     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001288     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001289     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001290     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001291     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001292     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001293     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001294     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001295     0.000000008656      3.49      4.00      3.25
SRCPARAM L0001296     0.000000008656      3.49      4.00      3.25
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   SRCPARAM L0001297     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001298     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001299     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001300     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001301     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001302     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001303     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001304     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001305     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001306     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001307     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001308     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001309     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001310     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001311     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001312     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001313     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001314     0.000000008656      3.49      4.00      3.25
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   SRCPARAM L0001318     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001319     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001320     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001321     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001322     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001323     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001324     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001325     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001326     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001327     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001328     0.000000008656      3.49      4.00      3.25
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   SRCPARAM L0001330     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001331     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001332     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001333     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001334     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001335     0.000000008656      3.49      4.00      3.25
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   SRCPARAM L0001337     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001338     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001339     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001340     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001341     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001342     0.000000008656      3.49      4.00      3.25
   SRCPARAM L0001343     0.000000008656      3.49      4.00      3.25
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** LINE VOLUME Source ID = SLINE6
   SRCPARAM L0001344     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001345     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001346     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001347     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001348     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001349     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001350     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001351     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001352     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001353     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001354     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001355     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001356     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001357     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001358     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001359     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001360     0.000000002896      3.49      4.00      3.25
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   SRCPARAM L0001361     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001362     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001363     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001364     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001365     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001366     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001367     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001368     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001369     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001370     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001371     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001372     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001373     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001374     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001375     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001376     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001377     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001378     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001379     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001380     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001381     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001382     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001383     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001384     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001385     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001386     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001387     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001388     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001389     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001390     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001391     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001392     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001393     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001394     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001395     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001396     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001397     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001398     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001399     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001400     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001401     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001402     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001403     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001404     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001405     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001406     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001407     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001408     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001409     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001410     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001411     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001412     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001413     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001414     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001415     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001416     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001417     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001418     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001419     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001420     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001421     0.000000002896      3.49      4.00      3.25
   SRCPARAM L0001422     0.000000002896      3.49      4.00      3.25
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE7
   SRCPARAM L0001423     0.00000000865       3.49      4.00      3.25
   SRCPARAM L0001424     0.00000000865       3.49      4.00      3.25
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   SRCPARAM L0001425     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001426     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001427     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001428     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001429     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001430     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001431     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001432     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001433     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001434     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001435     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001436     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001437     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001438     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001439     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001440     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001441     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001442     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001443     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001444     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001445     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001446     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001447     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001448     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001449     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001450     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001451     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001452     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001453     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001454     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001455     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001456     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001457     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001458     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001459     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001460     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001461     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001462     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001463     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001464     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001465     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001466     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001467     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001468     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001469     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001470     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001471     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001472     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001473     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001474     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001475     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001476     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001477     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001478     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001479     0.00000000865      3.49      4.00      3.25
   SRCPARAM L0001480     0.00000000865      3.49      4.00      3.25
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** LINE VOLUME Source ID = SLINE8
   SRCPARAM L0001481     0.00000004622      3.49      4.00      3.25
   SRCPARAM L0001482     0.00000004622      3.49      4.00      3.25
   SRCPARAM L0001483     0.00000004622      3.49      4.00      3.25
   SRCPARAM L0001484     0.00000004622      3.49      4.00      3.25
   SRCPARAM L0001485     0.00000004622      3.49      4.00      3.25
   SRCPARAM L0001486     0.00000004622      3.49      4.00      3.25
   SRCPARAM L0001487     0.00000004622      3.49      4.00      3.25
   SRCPARAM L0001488     0.00000004622      3.49      4.00      3.25
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SRCPARAM L0001489     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001490     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001491     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001492     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001493     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001494     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001495     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001496     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001497     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001498     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001499     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001500     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001501     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001502     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001503     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001504     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001505     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001506     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001507     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001508     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001509     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001510     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001511     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001512     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001513     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001514     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001515     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001516     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001517     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001518     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001519     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001520     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001521     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001522     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001523     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001524     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001525     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001526     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001527     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001528     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001529     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001530     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001531     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001532     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001533     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001534     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001535     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001536     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001537     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001538     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001539     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001540     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001541     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001542     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001543     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001544     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001545     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001546     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001547     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001548     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001549     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001550     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001551     0.00000004622      3.49      4.00      3.25
SRCPARAM L0001552     0.00000004622      3.49      4.00      3.25
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SRCPARAM L0001554     0.00000004622      3.49      4.00      3.25
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   SRCPARAM L0001555     0.00000004622      3.49      4.00      3.25
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   SRCPARAM L0001557     0.00000004622      3.49      4.00      3.25
   SRCPARAM L0001558     0.00000004622      3.49      4.00      3.25
   SRCPARAM L0001559     0.00000004622      3.49      4.00      3.25
   SRCPARAM L0001560     0.00000004622      3.49      4.00      3.25
   SRCPARAM L0001561     0.00000004622      3.49      4.00      3.25
   SRCPARAM L0001562     0.00000004622      3.49      4.00      3.25
   SRCPARAM L0001563     0.00000004622      3.49      4.00      3.25
   SRCPARAM L0001564     0.00000004622      3.49      4.00      3.25
   SRCPARAM L0001565     0.00000004622      3.49      4.00      3.25
   SRCPARAM L0001566     0.00000004622      3.49      4.00      3.25
   SRCPARAM L0001567     0.00000004622      3.49      4.00      3.25
   SRCPARAM L0001568     0.00000004622      3.49      4.00      3.25
   SRCPARAM L0001569     0.00000004622      3.49      4.00      3.25
   SRCPARAM L0001570     0.00000004622      3.49      4.00      3.25
   SRCPARAM L0001571     0.00000004622      3.49      4.00      3.25
   SRCPARAM L0001572     0.00000004622      3.49      4.00      3.25
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   SRCPARAM L0001577     0.00000004622      3.49      4.00      3.25
   SRCPARAM L0001578     0.00000004622      3.49      4.00      3.25
   SRCPARAM L0001579     0.00000004622      3.49      4.00      3.25
   SRCPARAM L0001580     0.00000004622      3.49      4.00      3.25
   SRCPARAM L0001581     0.00000004622      3.49      4.00      3.25
   SRCPARAM L0001582     0.00000004622      3.49      4.00      3.25
   SRCPARAM L0001583     0.00000004622      3.49      4.00      3.25
   SRCPARAM L0001584     0.00000004622      3.49      4.00      3.25
   SRCPARAM L0001585     0.00000004622      3.49      4.00      3.25
   SRCPARAM L0001586     0.00000004622      3.49      4.00      3.25
   SRCPARAM L0001587     0.00000004622      3.49      4.00      3.25
   SRCPARAM L0001588     0.00000004622      3.49      4.00      3.25
   SRCPARAM L0001589     0.00000004622      3.49      4.00      3.25
   SRCPARAM L0001590     0.00000004622      3.49      4.00      3.25
   SRCPARAM L0001591     0.00000004622      3.49      4.00      3.25
   SRCPARAM L0001592     0.00000004622      3.49      4.00      3.25
   SRCPARAM L0001593     0.00000004622      3.49      4.00      3.25
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   SRCPARAM L0001601     0.00000004622      3.49      4.00      3.25
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** LINE VOLUME Source ID = SLINE9
   SRCPARAM L0001602     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001603     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001604     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001605     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001606     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001607     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001608     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001609     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001610     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001611     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001612     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001613     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001614     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001615     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001616     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001617     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001618     0.00000007539      3.49      6.51      3.25
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SRCPARAM L0001619     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001620     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001621     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001622     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001623     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001624     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001625     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001626     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001627     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001628     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001629     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001630     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001631     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001632     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001633     0.00000007539      3.49      6.51      3.25
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SRCPARAM L0001635     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001636     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001637     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001638     0.00000007539      3.49      6.51      3.25
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SRCPARAM L0001640     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001641     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001642     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001643     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001644     0.00000007539      3.49      6.51      3.25
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SRCPARAM L0001648     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001649     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001650     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001651     0.00000007539      3.49      6.51      3.25
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SRCPARAM L0001657     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001658     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001659     0.00000007539      3.49      6.51      3.25
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SRCPARAM L0001661     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001662     0.00000007539      3.49      6.51      3.25
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SRCPARAM L0001664     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001665     0.00000007539      3.49      6.51      3.25
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SRCPARAM L0001667     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001668     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001669     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001670     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001671     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001672     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001673     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001674     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001675     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001676     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001677     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001678     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001679     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001680     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001681     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001682     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001683     0.00000007539      3.49      6.51      3.25
SRCPARAM L0001684     0.00000007539      3.49      6.51      3.25
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   SRCPARAM L0001685     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001686     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001687     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001688     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001689     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001690     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001691     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001692     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001693     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001694     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001695     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001696     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001697     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001698     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001699     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001700     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001701     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001702     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001703     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001704     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001705     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001706     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001707     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001708     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001709     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001710     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001711     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001712     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001713     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001714     0.00000007539      3.49      6.51      3.25
   SRCPARAM L0001715     0.00000007539      3.49      6.51      3.25
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE10
   SRCPARAM L0001716     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001717     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001718     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001719     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001720     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001721     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001722     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001723     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001724     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001725     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001726     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001727     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001728     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001729     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001730     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001731     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001732     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001733     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001734     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001735     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001736     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001737     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001738     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001739     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001740     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001741     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001742     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001743     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001744     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001745     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001746     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001747     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001748     0.00000006316      3.49      6.51      3.25
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   SRCPARAM L0001749     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001750     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001751     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001752     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001753     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001754     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001755     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001756     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001757     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001758     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001759     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001760     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001761     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001762     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001763     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001764     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001765     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001766     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001767     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001768     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001769     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001770     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001771     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001772     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001773     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001774     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001775     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001776     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001777     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001778     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001779     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001780     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001781     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001782     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001783     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001784     0.00000006316      3.49      6.51      3.25
   SRCPARAM L0001785     0.00000006316      3.49      6.51      3.25
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE11
   SRCPARAM L0001786     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001787     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001788     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001789     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001790     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001791     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001792     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001793     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001794     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001795     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001796     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001797     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001798     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001799     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001800     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001801     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001802     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001803     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001804     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001805     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001806     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001807     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001808     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001809     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001810     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001811     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001812     0.0000000047      3.49      6.51      3.25
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   SRCPARAM L0001813     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001814     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001815     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001816     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001817     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001818     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001819     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001820     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001821     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001822     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001823     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001824     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001825     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001826     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001827     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001828     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001829     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001830     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001831     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001832     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001833     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001834     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001835     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001836     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001837     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001838     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001839     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001840     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001841     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001842     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001843     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001844     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001845     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001846     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001847     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001848     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001849     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001850     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001851     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001852     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001853     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001854     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001855     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001856     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001857     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001858     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001859     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001860     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001861     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001862     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001863     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001864     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001865     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001866     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001867     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001868     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001869     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001870     0.0000000047      3.49      6.51      3.25
   SRCPARAM L0001871     0.0000000047      3.49      6.51      3.25
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE12
   SRCPARAM L0001872     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001873     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001874     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001875     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001876     0.000000007532      3.49      6.51      3.25
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   SRCPARAM L0001877     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001878     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001879     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001880     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001881     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001882     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001883     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001884     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001885     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001886     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001887     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001888     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001889     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001890     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001891     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001892     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001893     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001894     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001895     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001896     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001897     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001898     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001899     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001900     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001901     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001902     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001903     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001904     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001905     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001906     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001907     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001908     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001909     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001910     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001911     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001912     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001913     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001914     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001915     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001916     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001917     0.000000007532      3.49      6.51      3.25
   SRCPARAM L0001918     0.000000007532      3.49      6.51      3.25
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE13
   SRCPARAM L0001919     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001920     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001921     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001922     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001923     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001924     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001925     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001926     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001927     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001928     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001929     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001930     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001931     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001932     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001933     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001934     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001935     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001936     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001937     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001938     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001939     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001940     0.00000000469      3.49      6.51      3.25
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   SRCPARAM L0001941     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001942     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001943     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001944     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001945     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001946     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001947     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001948     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001949     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001950     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001951     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001952     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001953     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001954     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001955     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001956     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001957     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001958     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001959     0.00000000469      3.49      6.51      3.25
   SRCPARAM L0001960     0.00000000469      3.49      6.51      3.25
** ------------------------------------------------------------------
   SRCPARAM STCK1        0.0044099258     3.550   728.550     54.78      0.13
   SRCPARAM VOL1              0.0     5.000    12.570     1.400
   SRCPARAM VOL2              0.0     5.000    12.570     1.400
   SRCPARAM VOL3              0.0     5.000    12.570     1.400
   SRCPARAM VOL4              0.0     5.000    12.570     1.400
   SRCPARAM VOL5              0.0     5.000    12.570     1.400
   SRCPARAM VOL6              0.0     5.000    12.570     1.400
   SRCPARAM VOL7              0.0     5.000    12.570     1.400
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Seven Days (HRDOW7)"
** Variable Emission Scenario: "EGEN"
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Equipment"
** 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 1.0 1.0 1.0 1.0
   EMISFACT VOL1         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   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 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
** WeekDays:
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL2         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL2         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL2         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL3         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL3         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL3         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL4         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL4         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL4         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL5         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL5         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL5         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL6         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL6         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL6         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL7         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL7         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL7         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "14057 Ops With PDFs.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE RDLD_V9_ADJU\RDLD_v9.SFC
   PROFFILE RDLD_V9_ADJU\RDLD_v9.PFL
   SURFDATA 3171 2012
   UAIRDATA 3190 2012
   SITEDATA 99999 2012
   PROFBASE 481.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
** Auto-Generated Plotfiles
   PLOTFILE PERIOD ALL "14057 OPS WITH PDFS.AD\PE00GALL.PLT" 31
   SUMMFILE "14057 Ops With PDFs.sum"
OU FINISHED
```

```
 *** Message Summary For AERMOD Model Setup ***

 --------- Summary of Total Messages --------

A Total of            0 Fatal Error Message(s)
A Total of           10 Warning Message(s)
A Total of            0 Informational Message(s)


   ******** FATAL ERROR MESSAGES ********
              ***  NONE  ***


   ********   WARNING MESSAGES   ********
SO W320    2265        PPARM: Input Parameter May Be Out-of-Range for Parameter           VS
SO W320    2266        VPARM: Input Parameter May Be Out-of-Range for Parameter           QS
SO W320    2267        VPARM: Input Parameter May Be Out-of-Range for Parameter           QS
SO W320    2268        VPARM: Input Parameter May Be Out-of-Range for Parameter           QS
SO W320    2269        VPARM: Input Parameter May Be Out-of-Range for Parameter           QS
SO W320    2270        VPARM: Input Parameter May Be Out-of-Range for Parameter           QS
SO W320    2271        VPARM: Input Parameter May Be Out-of-Range for Parameter           QS
SO W320    2272        VPARM: Input Parameter May Be Out-of-Range for Parameter           QS
ME W186    2430       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used         0.50
ME W187    2430       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 ***********************************
 *** SETUP Finishes Successfully ***
 ***********************************

FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        02/03/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       14:26:20

                     PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                          ***     MODEL SETUP OPTIONS SUMMARY       ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for   988 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   2035210.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Assumes No FLAGPOLE Receptor Heights.
      * The User Specified a Pollutant Type of: DPM

 **Model Calculates PERIOD Averages Only
```

**This Run Includes: 988 Source(s); 1 Source Group(s); and 63 Receptor(s)

with: 1 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 987 VOLUME source(s)
and: 0 AREA type source(s)
and: 0 LINE source(s)
and: 0 RLINE/RLINEXT source(s)
and: 0 OPENPIT source(s)
and: 0 BUOYANT LINE source(s) with a total of 0 line(s)
and: 0 SWPOINT source(s)

**Model Set To Continue RUNning After the Setup Testing.

**The AERMET Input Meteorological Data Version Date: 16216

**Output Options Selected:
Model Outputs Tables of PERIOD Averages by Receptor
Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
m for Missing Hours
b for Both Calm and Missing Hours

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 481.00 ; Decay Coef. =
0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate
Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 5.2 MB of RAM.

**Input Runstream File:
aermod.inp
**Output Print File:
aermod.out

**Detailed Error/Message File: 14057 Ops With
PDFs.err
**File for Summary of Results: 14057 Ops With
PDFs.sum

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER STACK PART. CATS.	EMISSION RATE (GRAMS/SEC)	BLDG STACK EXISTS	URBAN SOURCE	CAP/ HOR	EMIS RATE SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)
STCK1	0	0.44099E-02	NO	YES	NO	HRDOW7	477591.3	3774375.0	337.0	3.55	728.55	54.78	0.13

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE SCALAR VARY BY	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)
L0000981	0	0.29910E-06	477638.4	3774260.7	337.0	3.49	4.00	3.25
YES		NO						
L0000982	0	0.29910E-06	477646.9	3774260.9	337.0	3.49	4.00	3.25
YES		NO						
L0000983	0	0.29910E-06	477655.5	3774261.1	337.0	3.49	4.00	3.25
YES		NO						
L0000984	0	0.29910E-06	477664.1	3774261.3	337.0	3.49	4.00	3.25
YES		NO						
L0000985	0	0.29910E-06	477672.7	3774261.4	337.0	3.49	4.00	3.25
YES		NO						
L0000986	0	0.29910E-06	477681.3	3774261.6	337.0	3.49	4.00	3.25
YES		NO						
L0000987	0	0.29910E-06	477689.9	3774261.8	337.0	3.49	4.00	3.25
YES		NO						
L0000988	0	0.29910E-06	477698.5	3774262.0	337.0	3.49	4.00	3.25
YES		NO						
L0000989	0	0.29910E-06	477707.1	3774262.2	337.0	3.49	4.00	3.25
YES		NO						
L0000990	0	0.29910E-06	477715.7	3774262.4	337.0	3.49	4.00	3.25
YES		NO						
L0000991	0	0.29910E-06	477724.2	3774262.5	337.0	3.49	4.00	3.25
YES		NO						
L0000992	0	0.29910E-06	477732.8	3774262.7	337.1	3.49	4.00	3.25
YES		NO						
L0000993	0	0.29910E-06	477741.4	3774262.9	337.4	3.49	4.00	3.25
YES		NO						
L0000994	0	0.29910E-06	477750.0	3774263.1	337.7	3.49	4.00	3.25
YES		NO						
L0000995	0	0.29910E-06	477758.6	3774263.3	338.0	3.49	4.00	3.25
YES		NO						
L0000996	0	0.29910E-06	477767.2	3774263.5	338.0	3.49	4.00	3.25
YES		NO						
L0000997	0	0.29910E-06	477775.8	3774263.6	338.0	3.49	4.00	3.25
YES		NO						
L0000998	0	0.29910E-06	477784.4	3774263.8	338.0	3.49	4.00	3.25
YES		NO						
L0000999	0	0.29910E-06	477792.9	3774264.0	338.0	3.49	4.00	3.25
YES		NO						
L0001000	0	0.29910E-06	477801.5	3774264.2	338.0	3.49	4.00	3.25
YES		NO						
L0001001	0	0.29910E-06	477810.1	3774264.4	338.0	3.49	4.00	3.25
YES		NO						
L0001002	0	0.29910E-06	477818.7	3774264.6	338.0	3.49	4.00	3.25
YES		NO						
L0001003	0	0.29910E-06	477827.3	3774264.7	338.0	3.49	4.00	3.25
YES		NO						

L0001004 0 0.29910E-06 477835.9 3774264.9 338.0 3.49 4.00 3.25
YES NO
L0001005 0 0.29910E-06 477844.5 3774265.1 338.0 3.49 4.00 3.25
YES NO
L0001006 0 0.29910E-06 477853.1 3774265.3 338.1 3.49 4.00 3.25
YES NO
L0001007 0 0.29910E-06 477861.6 3774265.5 338.4 3.49 4.00 3.25
YES NO
L0001008 0 0.29910E-06 477870.2 3774265.7 338.7 3.49 4.00 3.25
YES NO
L0001009 0 0.29910E-06 477878.8 3774265.8 339.0 3.49 4.00 3.25
YES NO
L0001010 0 0.29910E-06 477887.4 3774266.0 339.0 3.49 4.00 3.25
YES NO
L0001011 0 0.29910E-06 477896.0 3774266.2 339.0 3.49 4.00 3.25
YES NO
L0001012 0 0.29910E-06 477904.6 3774266.4 339.0 3.49 4.00 3.25
YES NO
L0001013 0 0.29910E-06 477913.2 3774266.6 339.0 3.49 4.00 3.25
YES NO
L0001014 0 0.29910E-06 477921.8 3774266.8 339.0 3.49 4.00 3.25
YES NO
L0001015 0 0.29910E-06 477930.4 3774266.9 339.0 3.49 4.00 3.25
YES NO
L0001016 0 0.29910E-06 477938.9 3774267.1 339.0 3.49 4.00 3.25
YES NO
L0001017 0 0.29910E-06 477947.5 3774267.3 339.0 3.49 4.00 3.25
YES NO
L0001018 0 0.29910E-06 477956.1 3774267.5 339.0 3.49 4.00 3.25
YES NO
L0001019 0 0.29910E-06 477964.7 3774267.7 339.0 3.49 4.00 3.25
YES NO
L0001020 0 0.29910E-06 477973.3 3774267.9 339.1 3.49 4.00 3.25
YES NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ
L0001021	0	0.29910E-06	477981.9	3774268.1	339.4	3.49	4.00	3.25	
YES		NO							
L0001022	0	0.29910E-06	477990.5	3774268.2	339.7	3.49	4.00	3.25	
YES		NO							
L0001023	0	0.29910E-06	477999.1	3774268.4	340.0	3.49	4.00	3.25	
YES		NO							
L0001024	0	0.29910E-06	478007.6	3774268.6	340.0	3.49	4.00	3.25	
YES		NO							
L0001025	0	0.29910E-06	477639.2	3774221.9	337.0	3.49	4.00	3.25	
YES		NO							
L0001026	0	0.29910E-06	477647.8	3774222.1	337.0	3.49	4.00	3.25	
YES		NO							

L0001027	0	0.29910E-06	477656.4	3774222.3	337.0	3.49	4.00	3.25
YES		NO						
L0001028	0	0.29910E-06	477664.9	3774222.5	337.0	3.49	4.00	3.25
YES		NO						
L0001029	0	0.29910E-06	477673.5	3774222.8	337.0	3.49	4.00	3.25
YES		NO						
L0001030	0	0.29910E-06	477682.1	3774223.0	337.0	3.49	4.00	3.25
YES		NO						
L0001031	0	0.29910E-06	477690.7	3774223.2	337.0	3.49	4.00	3.25
YES		NO						
L0001032	0	0.29910E-06	477699.3	3774223.4	337.0	3.49	4.00	3.25
YES		NO						
L0001033	0	0.29910E-06	477707.9	3774223.6	337.0	3.49	4.00	3.25
YES		NO						
L0001034	0	0.29910E-06	477716.5	3774223.9	337.0	3.49	4.00	3.25
YES		NO						
L0001035	0	0.29910E-06	477725.1	3774224.1	337.0	3.49	4.00	3.25
YES		NO						
L0001036	0	0.29910E-06	477733.6	3774224.3	337.1	3.49	4.00	3.25
YES		NO						
L0001037	0	0.29910E-06	477742.2	3774224.5	337.4	3.49	4.00	3.25
YES		NO						
L0001038	0	0.29910E-06	477750.8	3774224.8	337.7	3.49	4.00	3.25
YES		NO						
L0001039	0	0.29910E-06	477759.4	3774225.0	337.9	3.49	4.00	3.25
YES		NO						
L0001040	0	0.29910E-06	477768.0	3774225.2	338.0	3.49	4.00	3.25
YES		NO						
L0001041	0	0.29910E-06	477776.6	3774225.4	338.0	3.49	4.00	3.25
YES		NO						
L0001042	0	0.29910E-06	477785.2	3774225.6	338.0	3.49	4.00	3.25
YES		NO						
L0001043	0	0.29910E-06	477793.8	3774225.9	338.0	3.49	4.00	3.25
YES		NO						
L0001044	0	0.29910E-06	477802.3	3774226.1	338.0	3.49	4.00	3.25
YES		NO						
L0001045	0	0.29910E-06	477810.9	3774226.3	338.0	3.49	4.00	3.25
YES		NO						
L0001046	0	0.29910E-06	477819.5	3774226.5	338.0	3.49	4.00	3.25
YES		NO						
L0001047	0	0.29910E-06	477828.1	3774226.8	338.0	3.49	4.00	3.25
YES		NO						
L0001048	0	0.29910E-06	477836.7	3774227.0	338.0	3.49	4.00	3.25
YES		NO						
L0001049	0	0.29910E-06	477845.3	3774227.2	338.0	3.49	4.00	3.25
YES		NO						
L0001050	0	0.29910E-06	477853.9	3774227.4	338.0	3.49	4.00	3.25
YES		NO						
L0001051	0	0.29910E-06	477862.5	3774227.6	338.0	3.49	4.00	3.25
YES		NO						
L0001052	0	0.29910E-06	477871.0	3774227.9	338.0	3.49	4.00	3.25
YES		NO						
L0001053	0	0.29910E-06	477879.6	3774228.1	338.1	3.49	4.00	3.25
YES		NO						
L0001054	0	0.29910E-06	477888.2	3774228.3	338.3	3.49	4.00	3.25
YES		NO						
L0001055	0	0.29910E-06	477896.8	3774228.5	338.6	3.49	4.00	3.25
YES		NO						
L0001056	0	0.29910E-06	477905.4	3774228.7	338.9	3.49	4.00	3.25
YES		NO						
L0001057	0	0.29910E-06	477914.0	3774229.0	339.0	3.49	4.00	3.25
YES		NO						
L0001058	0	0.29910E-06	477922.6	3774229.2	339.0	3.49	4.00	3.25
YES		NO						
L0001059	0	0.29910E-06	477931.1	3774229.4	339.0	3.49	4.00	3.25
YES		NO						

L0001060 0 0.29910E-06 477939.7 3774229.6 339.0 3.49 4.00 3.25
YES NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	SCALAR VARY BY
L0001061	0	0.29910E-06	477948.3	3774229.9	339.0	3.49	4.00	3.25	YES
L0001062	0	0.29910E-06	477956.9	3774230.1	339.0	3.49	4.00	3.25	YES
L0001063	0	0.29910E-06	477965.5	3774230.3	339.0	3.49	4.00	3.25	YES
L0001064	0	0.29910E-06	477974.1	3774230.5	339.1	3.49	4.00	3.25	YES
L0001065	0	0.29910E-06	477982.7	3774230.7	339.4	3.49	4.00	3.25	YES
L0001066	0	0.29910E-06	477991.3	3774231.0	339.7	3.49	4.00	3.25	YES
L0001067	0	0.29910E-06	477999.8	3774231.2	340.0	3.49	4.00	3.25	YES
L0001068	0	0.29910E-06	478008.4	3774231.4	340.0	3.49	4.00	3.25	YES
L0001069	0	0.13430E-06	477607.9	3774213.7	336.5	3.49	4.00	3.25	YES
L0001070	0	0.13430E-06	477607.3	3774222.2	336.8	3.49	4.00	3.25	YES
L0001071	0	0.13430E-06	477606.7	3774230.8	336.9	3.49	4.00	3.25	YES
L0001072	0	0.13430E-06	477611.3	3774237.0	337.0	3.49	4.00	3.25	YES
L0001073	0	0.13430E-06	477619.2	3774239.7	337.0	3.49	4.00	3.25	YES
L0001074	0	0.13430E-06	477627.7	3774240.6	337.0	3.49	4.00	3.25	YES
L0001075	0	0.13430E-06	477636.3	3774241.4	337.0	3.49	4.00	3.25	YES
L0001076	0	0.13430E-06	477644.9	3774241.6	337.0	3.49	4.00	3.25	YES
L0001077	0	0.13430E-06	477653.5	3774241.7	337.0	3.49	4.00	3.25	YES
L0001078	0	0.13430E-06	477662.0	3774241.9	337.0	3.49	4.00	3.25	YES
L0001079	0	0.13430E-06	477670.6	3774242.1	337.0	3.49	4.00	3.25	YES
L0001080	0	0.13430E-06	477679.2	3774242.3	337.0	3.49	4.00	3.25	YES
L0001081	0	0.13430E-06	477687.8	3774242.5	337.0	3.49	4.00	3.25	YES
L0001082	0	0.13430E-06	477696.4	3774242.7	337.0	3.49	4.00	3.25	YES

L0001083 0 0.13430E-06 477705.0 3774242.9 337.0 3.49 4.00 3.25
YES NO
L0001084 0 0.13430E-06 477713.6 3774243.1 337.0 3.49 4.00 3.25
YES NO
L0001085 0 0.13430E-06 477722.2 3774243.3 337.0 3.49 4.00 3.25
YES NO
L0001086 0 0.13430E-06 477730.7 3774243.5 337.0 3.49 4.00 3.25
YES NO
L0001087 0 0.13430E-06 477739.3 3774243.6 337.3 3.49 4.00 3.25
YES NO
L0001088 0 0.13430E-06 477747.9 3774243.8 337.6 3.49 4.00 3.25
YES NO
L0001089 0 0.13430E-06 477756.5 3774244.0 337.9 3.49 4.00 3.25
YES NO
L0001090 0 0.13430E-06 477765.1 3774244.2 338.0 3.49 4.00 3.25
YES NO
L0001091 0 0.13430E-06 477773.7 3774244.4 338.0 3.49 4.00 3.25
YES NO
L0001092 0 0.13430E-06 477782.3 3774244.6 338.0 3.49 4.00 3.25
YES NO
L0001093 0 0.13430E-06 477790.9 3774244.8 338.0 3.49 4.00 3.25
YES NO
L0001094 0 0.13430E-06 477799.4 3774245.0 338.0 3.49 4.00 3.25
YES NO
L0001095 0 0.13430E-06 477808.0 3774245.2 338.0 3.49 4.00 3.25
YES NO
L0001096 0 0.13430E-06 477816.6 3774245.4 338.0 3.49 4.00 3.25
YES NO
L0001097 0 0.13430E-06 477825.2 3774245.5 338.0 3.49 4.00 3.25
YES NO
L0001098 0 0.13430E-06 477833.8 3774245.7 338.0 3.49 4.00 3.25
YES NO
L0001099 0 0.13430E-06 477842.4 3774245.9 338.0 3.49 4.00 3.25
YES NO
L0001100 0 0.13430E-06 477851.0 3774246.1 338.0 3.49 4.00 3.25
YES NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	SCALAR VARY BY
L0001101	0	0.13430E-06	477859.6	3774246.3	338.2	3.49	4.00	3.25	YES NO
L0001102	0	0.13430E-06	477868.1	3774246.5	338.4	3.49	4.00	3.25	YES NO
L0001103	0	0.13430E-06	477876.7	3774246.7	338.6	3.49	4.00	3.25	YES NO
L0001104	0	0.13430E-06	477885.3	3774246.9	338.7	3.49	4.00	3.25	YES NO
L0001105	0	0.13430E-06	477893.9	3774247.1	338.8	3.49	4.00	3.25	YES NO

L0001106	0	0.13430E-06	477902.5	3774247.3	338.9	3.49	4.00	3.25
YES		NO						
L0001107	0	0.13430E-06	477911.1	3774247.5	339.0	3.49	4.00	3.25
YES		NO						
L0001108	0	0.13430E-06	477919.7	3774247.6	339.0	3.49	4.00	3.25
YES		NO						
L0001109	0	0.13430E-06	477928.3	3774247.8	339.0	3.49	4.00	3.25
YES		NO						
L0001110	0	0.13430E-06	477936.8	3774248.0	339.0	3.49	4.00	3.25
YES		NO						
L0001111	0	0.13430E-06	477945.4	3774248.2	339.0	3.49	4.00	3.25
YES		NO						
L0001112	0	0.13430E-06	477954.0	3774248.4	339.0	3.49	4.00	3.25
YES		NO						
L0001113	0	0.13430E-06	477962.6	3774248.6	339.0	3.49	4.00	3.25
YES		NO						
L0001114	0	0.13430E-06	477971.2	3774248.8	339.1	3.49	4.00	3.25
YES		NO						
L0001115	0	0.13430E-06	477979.8	3774249.0	339.3	3.49	4.00	3.25
YES		NO						
L0001116	0	0.13430E-06	477988.4	3774249.2	339.6	3.49	4.00	3.25
YES		NO						
L0001117	0	0.13430E-06	477997.0	3774249.4	339.9	3.49	4.00	3.25
YES		NO						
L0001118	0	0.13430E-06	478005.6	3774249.5	340.0	3.49	4.00	3.25
YES		NO						
L0001119	0	0.13430E-06	478014.1	3774249.7	340.0	3.49	4.00	3.25
YES		NO						
L0001120	0	0.13430E-06	478022.7	3774249.9	340.0	3.49	4.00	3.25
YES		NO						
L0001121	0	0.13430E-06	478031.3	3774250.1	340.0	3.49	4.00	3.25
YES		NO						
L0001122	0	0.13430E-06	478039.9	3774250.3	340.0	3.49	4.00	3.25
YES		NO						
L0001123	0	0.13430E-06	478048.5	3774250.5	340.0	3.49	4.00	3.25
YES		NO						
L0001124	0	0.13430E-06	478057.1	3774250.7	340.0	3.49	4.00	3.25
YES		NO						
L0001125	0	0.13430E-06	478065.7	3774250.6	340.0	3.49	4.00	3.25
YES		NO						
L0001126	0	0.13430E-06	478074.3	3774250.5	340.0	3.49	4.00	3.25
YES		NO						
L0001127	0	0.13430E-06	478082.8	3774250.5	340.0	3.49	4.00	3.25
YES		NO						
L0001128	0	0.13430E-06	478091.2	3774249.1	340.0	3.49	4.00	3.25
YES		NO						
L0001129	0	0.13430E-06	478098.9	3774245.5	340.3	3.49	4.00	3.25
YES		NO						
L0001130	0	0.13430E-06	478102.6	3774238.6	340.4	3.49	4.00	3.25
YES		NO						
L0001131	0	0.13430E-06	478104.4	3774230.2	340.5	3.49	4.00	3.25
YES		NO						
L0001132	0	0.13430E-06	478104.4	3774221.6	340.5	3.49	4.00	3.25
YES		NO						
L0001133	0	0.69560E-08	478057.5	3774260.8	340.0	3.49	4.00	3.25
YES		NO						
L0001134	0	0.69560E-08	478057.5	3774269.4	340.0	3.49	4.00	3.25
YES		NO						
L0001135	0	0.69560E-08	478057.4	3774278.0	340.0	3.49	4.00	3.25
YES		NO						
L0001136	0	0.69560E-08	478057.4	3774286.5	340.0	3.49	4.00	3.25
YES		NO						
L0001137	0	0.69560E-08	478057.4	3774295.1	340.0	3.49	4.00	3.25
YES		NO						
L0001138	0	0.69560E-08	478057.3	3774303.7	340.0	3.49	4.00	3.25
YES		NO						

L0001139 0 0.69560E-08 478057.3 3774312.3 340.0 3.49 4.00 3.25
YES NO
L0001140 0 0.69560E-08 478057.3 3774320.9 340.0 3.49 4.00 3.25
YES NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART. SCALAR VARY BY CATS.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)
L0001141	0	0.69560E-08	478057.2	3774329.5	340.0	3.49	4.00	3.25
YES		NO						
L0001142	0	0.69560E-08	478057.2	3774338.1	340.0	3.49	4.00	3.25
YES		NO						
L0001143	0	0.69560E-08	478057.2	3774346.7	340.0	3.49	4.00	3.25
YES		NO						
L0001144	0	0.69560E-08	478057.1	3774355.3	340.0	3.49	4.00	3.25
YES		NO						
L0001145	0	0.69560E-08	478057.1	3774363.9	340.0	3.49	4.00	3.25
YES		NO						
L0001146	0	0.69560E-08	478057.1	3774372.4	340.0	3.49	4.00	3.25
YES		NO						
L0001147	0	0.69560E-08	478057.0	3774381.0	340.0	3.49	4.00	3.25
YES		NO						
L0001148	0	0.69560E-08	478057.0	3774389.6	340.0	3.49	4.00	3.25
YES		NO						
L0001149	0	0.86560E-08	477604.5	3774194.7	336.0	3.49	4.00	3.25
YES		NO						
L0001150	0	0.86560E-08	477595.9	3774194.7	336.0	3.49	4.00	3.25
YES		NO						
L0001151	0	0.86560E-08	477587.3	3774194.6	336.0	3.49	4.00	3.25
YES		NO						
L0001152	0	0.86560E-08	477578.7	3774194.6	336.0	3.49	4.00	3.25
YES		NO						
L0001153	0	0.86560E-08	477570.1	3774194.6	336.0	3.49	4.00	3.25
YES		NO						
L0001154	0	0.86560E-08	477561.6	3774194.6	336.0	3.49	4.00	3.25
YES		NO						
L0001155	0	0.86560E-08	477553.0	3774194.6	336.0	3.49	4.00	3.25
YES		NO						
L0001156	0	0.86560E-08	477544.4	3774194.5	336.0	3.49	4.00	3.25
YES		NO						
L0001157	0	0.86560E-08	477535.8	3774194.5	336.0	3.49	4.00	3.25
YES		NO						
L0001158	0	0.86560E-08	477527.2	3774194.5	336.0	3.49	4.00	3.25
YES		NO						
L0001159	0	0.86560E-08	477518.6	3774194.5	335.9	3.49	4.00	3.25
YES		NO						
L0001160	0	0.86560E-08	477510.0	3774194.5	335.9	3.49	4.00	3.25
YES		NO						
L0001161	0	0.86560E-08	477501.4	3774194.5	335.9	3.49	4.00	3.25
YES		NO						

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 L0001162         0   0.86560E-08  477492.8 3774194.4   335.9     3.49     4.00     3.25
 YES                    NO
 L0001163         0   0.86560E-08  477484.2 3774194.4   335.9     3.49     4.00     3.25
 YES                    NO
 L0001164         0   0.86560E-08  477475.7 3774194.4   336.0     3.49     4.00     3.25
 YES                    NO
 L0001165         0   0.86560E-08  477467.1 3774194.4   336.0     3.49     4.00     3.25
 YES                    NO
 L0001166         0   0.86560E-08  477458.5 3774194.4   336.0     3.49     4.00     3.25
 YES                    NO
 L0001167         0   0.86560E-08  477449.9 3774194.3   336.0     3.49     4.00     3.25
 YES                    NO
 L0001168         0   0.86560E-08  477441.3 3774194.3   336.0     3.49     4.00     3.25
 YES                    NO
 L0001169         0   0.86560E-08  477432.7 3774194.3   336.0     3.49     4.00     3.25
 YES                    NO
 L0001170         0   0.86560E-08  477424.1 3774194.3   335.8     3.49     4.00     3.25
 YES                    NO
 L0001171         0   0.86560E-08  477415.5 3774194.3   335.5     3.49     4.00     3.25
 YES                    NO
 L0001172         0   0.86560E-08  477406.9 3774194.2   335.2     3.49     4.00     3.25
 YES                    NO
 L0001173         0   0.86560E-08  477398.3 3774194.2   335.0     3.49     4.00     3.25
 YES                    NO
 L0001174         0   0.86560E-08  477389.8 3774194.2   335.0     3.49     4.00     3.25
 YES                    NO
 L0001175         0   0.86560E-08  477381.2 3774194.2   335.0     3.49     4.00     3.25
 YES                    NO
 L0001176         0   0.86560E-08  477372.6 3774194.2   335.0     3.49     4.00     3.25
 YES                    NO
 L0001177         0   0.86560E-08  477364.0 3774194.1   335.0     3.49     4.00     3.25
 YES                    NO
 L0001178         0   0.86560E-08  477355.4 3774194.1   335.0     3.49     4.00     3.25
 YES                    NO
 L0001179         0   0.86560E-08  477346.8 3774194.1   335.0     3.49     4.00     3.25
 YES                    NO
 L0001180         0   0.86560E-08  477338.2 3774194.1   334.9     3.49     4.00     3.25
 YES                    NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        02/03/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       14:26:20

                      PAGE   8
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE   AIRCRAFT
   SOURCE      PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
   SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
     (METERS)              BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - -

 L0001181         0   0.86560E-08  477329.6 3774194.1   334.7     3.49     4.00     3.25
 YES                    NO
 L0001182         0   0.86560E-08  477321.0 3774194.1   334.4     3.49     4.00     3.25
 YES                    NO
 L0001183         0   0.86560E-08  477312.4 3774194.0   334.1     3.49     4.00     3.25
 YES                    NO
 L0001184         0   0.86560E-08  477303.9 3774194.0   334.0     3.49     4.00     3.25
 YES                    NO
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L0001185	0	0.86560E-08	477295.3	3774194.0	334.0	3.49	4.00	3.25
YES		NO						
L0001186	0	0.86560E-08	477286.7	3774194.0	334.0	3.49	4.00	3.25
YES		NO						
L0001187	0	0.86560E-08	477278.1	3774194.0	334.0	3.49	4.00	3.25
YES		NO						
L0001188	0	0.86560E-08	477269.5	3774193.9	334.0	3.49	4.00	3.25
YES		NO						
L0001189	0	0.86560E-08	477260.9	3774193.9	334.0	3.49	4.00	3.25
YES		NO						
L0001190	0	0.86560E-08	477252.3	3774193.9	334.0	3.49	4.00	3.25
YES		NO						
L0001191	0	0.86560E-08	477243.7	3774193.9	334.0	3.49	4.00	3.25
YES		NO						
L0001192	0	0.86560E-08	477235.1	3774193.9	334.0	3.49	4.00	3.25
YES		NO						
L0001193	0	0.86560E-08	477226.5	3774193.8	334.0	3.49	4.00	3.25
YES		NO						
L0001194	0	0.86560E-08	477218.0	3774193.8	334.0	3.49	4.00	3.25
YES		NO						
L0001195	0	0.86560E-08	477209.4	3774193.8	334.0	3.49	4.00	3.25
YES		NO						
L0001196	0	0.86560E-08	477200.8	3774193.8	334.0	3.49	4.00	3.25
YES		NO						
L0001197	0	0.86560E-08	477192.2	3774193.8	334.0	3.49	4.00	3.25
YES		NO						
L0001198	0	0.86560E-08	477183.6	3774193.7	334.0	3.49	4.00	3.25
YES		NO						
L0001199	0	0.86560E-08	477175.0	3774193.7	334.0	3.49	4.00	3.25
YES		NO						
L0001200	0	0.86560E-08	477166.4	3774193.7	333.9	3.49	4.00	3.25
YES		NO						
L0001201	0	0.86560E-08	477157.8	3774193.7	333.9	3.49	4.00	3.25
YES		NO						
L0001202	0	0.86560E-08	477149.2	3774193.7	333.6	3.49	4.00	3.25
YES		NO						
L0001203	0	0.86560E-08	477140.6	3774193.6	333.3	3.49	4.00	3.25
YES		NO						
L0001204	0	0.86560E-08	477132.1	3774193.6	333.0	3.49	4.00	3.25
YES		NO						
L0001205	0	0.86560E-08	477123.5	3774193.6	332.7	3.49	4.00	3.25
YES		NO						
L0001206	0	0.86560E-08	477114.9	3774193.6	332.5	3.49	4.00	3.25
YES		NO						
L0001207	0	0.86560E-08	477106.3	3774193.6	332.2	3.49	4.00	3.25
YES		NO						
L0001208	0	0.86560E-08	477097.7	3774193.6	332.0	3.49	4.00	3.25
YES		NO						
L0001209	0	0.86560E-08	477089.1	3774193.5	332.0	3.49	4.00	3.25
YES		NO						
L0001210	0	0.86560E-08	477080.5	3774193.4	332.0	3.49	4.00	3.25
YES		NO						
L0001211	0	0.86560E-08	477071.9	3774193.4	332.0	3.49	4.00	3.25
YES		NO						
L0001212	0	0.86560E-08	477063.3	3774193.3	332.0	3.49	4.00	3.25
YES		NO						
L0001213	0	0.86560E-08	477054.7	3774193.2	332.0	3.49	4.00	3.25
YES		NO						
L0001214	0	0.86560E-08	477046.2	3774193.2	332.0	3.49	4.00	3.25
YES		NO						
L0001215	0	0.86560E-08	477037.6	3774193.1	332.0	3.49	4.00	3.25
YES		NO						
L0001216	0	0.86560E-08	477029.0	3774193.0	332.0	3.49	4.00	3.25
YES		NO						
L0001217	0	0.86560E-08	477020.4	3774193.0	332.0	3.49	4.00	3.25
YES		NO						

L0001218 0 0.86560E-08 477011.8 3774192.9 332.0 3.49 4.00 3.25
YES NO
L0001219 0 0.86560E-08 477003.2 3774192.8 332.0 3.49 4.00 3.25
YES NO
L0001220 0 0.86560E-08 476994.6 3774192.7 332.0 3.49 4.00 3.25
YES NO
FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and Sterling\14057 Op *** 02/03/24
*** AERMET - VERSION 16216 ***
*** *** 14:26:20

PAGE 9
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	SOURCE SCALAR VARY BY
L0001221	0	0.86560E-08	476986.0	3774192.7	332.0	3.49	4.00	3.25	YES NO
L0001222	0	0.86560E-08	476977.4	3774192.6	332.0	3.49	4.00	3.25	YES NO
L0001223	0	0.86560E-08	476968.8	3774192.5	332.0	3.49	4.00	3.25	YES NO
L0001224	0	0.86560E-08	476960.3	3774192.5	332.0	3.49	4.00	3.25	YES NO
L0001225	0	0.86560E-08	476951.7	3774192.4	332.0	3.49	4.00	3.25	YES NO
L0001226	0	0.86560E-08	476943.1	3774192.3	332.0	3.49	4.00	3.25	YES NO
L0001227	0	0.86560E-08	476934.5	3774192.3	332.0	3.49	4.00	3.25	YES NO
L0001228	0	0.86560E-08	476925.9	3774192.2	332.0	3.49	4.00	3.25	YES NO
L0001229	0	0.86560E-08	476917.3	3774192.1	332.0	3.49	4.00	3.25	YES NO
L0001230	0	0.86560E-08	476908.7	3774192.1	331.9	3.49	4.00	3.25	YES NO
L0001231	0	0.86560E-08	476900.1	3774192.0	331.9	3.49	4.00	3.25	YES NO
L0001232	0	0.86560E-08	476891.5	3774191.9	331.9	3.49	4.00	3.25	YES NO
L0001233	0	0.86560E-08	476883.0	3774191.8	331.9	3.49	4.00	3.25	YES NO
L0001234	0	0.86560E-08	476874.4	3774191.8	331.9	3.49	4.00	3.25	YES NO
L0001235	0	0.86560E-08	476865.8	3774191.8	331.9	3.49	4.00	3.25	YES NO
L0001236	0	0.86560E-08	476857.2	3774191.9	331.0	3.49	4.00	3.25	YES NO
L0001237	0	0.86560E-08	476848.6	3774192.0	331.0	3.49	4.00	3.25	YES NO
L0001238	0	0.86560E-08	476840.0	3774192.1	331.0	3.49	4.00	3.25	YES NO
L0001239	0	0.86560E-08	476831.4	3774192.2	331.0	3.49	4.00	3.25	YES NO
L0001240	0	0.86560E-08	476822.8	3774192.3	331.0	3.49	4.00	3.25	YES NO

L0001241 0 0.86560E-08 476814.2 3774192.4 331.0 3.49 4.00 3.25
YES NO
L0001242 0 0.86560E-08 476805.6 3774192.5 331.0 3.49 4.00 3.25
YES NO
L0001243 0 0.86560E-08 476797.1 3774192.6 331.0 3.49 4.00 3.25
YES NO
L0001244 0 0.86560E-08 476788.5 3774192.7 331.0 3.49 4.00 3.25
YES NO
L0001245 0 0.86560E-08 476779.9 3774192.8 331.0 3.49 4.00 3.25
YES NO
L0001246 0 0.86560E-08 476771.3 3774192.9 331.0 3.49 4.00 3.25
YES NO
L0001247 0 0.86560E-08 476762.7 3774193.0 331.0 3.49 4.00 3.25
YES NO
L0001248 0 0.86560E-08 476754.1 3774193.1 331.0 3.49 4.00 3.25
YES NO
L0001249 0 0.86560E-08 476745.5 3774193.2 331.0 3.49 4.00 3.25
YES NO
L0001250 0 0.86560E-08 476736.9 3774193.3 331.0 3.49 4.00 3.25
YES NO
L0001251 0 0.86560E-08 476728.3 3774193.4 331.0 3.49 4.00 3.25
YES NO
L0001252 0 0.86560E-08 476719.8 3774193.5 330.9 3.49 4.00 3.25
YES NO
L0001253 0 0.86560E-08 476711.2 3774193.6 330.9 3.49 4.00 3.25
YES NO
L0001254 0 0.86560E-08 476702.6 3774193.7 330.7 3.49 4.00 3.25
YES NO
L0001255 0 0.86560E-08 476694.0 3774193.8 330.4 3.49 4.00 3.25
YES NO
L0001256 0 0.86560E-08 476685.4 3774193.9 330.2 3.49 4.00 3.25
YES NO
L0001257 0 0.86560E-08 476676.8 3774194.0 330.0 3.49 4.00 3.25
YES NO
L0001258 0 0.86560E-08 476668.2 3774194.0 330.0 3.49 4.00 3.25
YES NO
L0001259 0 0.86560E-08 476659.6 3774194.1 330.0 3.49 4.00 3.25
YES NO
L0001260 0 0.86560E-08 476651.0 3774194.2 330.0 3.49 4.00 3.25
YES NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN PART. SCALAR VARY BY	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)
L0001261	0	0.86560E-08	476642.4	3774194.3	330.0	3.49	4.00	3.25
YES		NO						
L0001262	0	0.86560E-08	476633.9	3774194.4	330.0	3.49	4.00	3.25
YES		NO						
L0001263	0	0.86560E-08	476625.3	3774194.5	330.0	3.49	4.00	3.25
YES		NO						

L0001264	0	0.86560E-08	476616.7	3774194.6	330.0	3.49	4.00	3.25
YES		NO						
L0001265	0	0.86560E-08	476608.1	3774194.7	330.0	3.49	4.00	3.25
YES		NO						
L0001266	0	0.86560E-08	476599.5	3774194.8	330.0	3.49	4.00	3.25
YES		NO						
L0001267	0	0.86560E-08	476590.9	3774194.9	330.0	3.49	4.00	3.25
YES		NO						
L0001268	0	0.86560E-08	476582.3	3774195.0	329.7	3.49	4.00	3.25
YES		NO						
L0001269	0	0.86560E-08	476573.7	3774195.1	329.4	3.49	4.00	3.25
YES		NO						
L0001270	0	0.86560E-08	476565.1	3774195.2	329.2	3.49	4.00	3.25
YES		NO						
L0001271	0	0.86560E-08	476556.6	3774195.3	329.0	3.49	4.00	3.25
YES		NO						
L0001272	0	0.86560E-08	476548.0	3774195.4	329.0	3.49	4.00	3.25
YES		NO						
L0001273	0	0.86560E-08	476539.4	3774195.5	329.0	3.49	4.00	3.25
YES		NO						
L0001274	0	0.86560E-08	476530.8	3774195.6	329.0	3.49	4.00	3.25
YES		NO						
L0001275	0	0.86560E-08	476522.2	3774195.7	329.0	3.49	4.00	3.25
YES		NO						
L0001276	0	0.86560E-08	476513.6	3774195.8	329.0	3.49	4.00	3.25
YES		NO						
L0001277	0	0.86560E-08	476505.0	3774195.8	329.0	3.49	4.00	3.25
YES		NO						
L0001278	0	0.86560E-08	476496.4	3774195.9	328.9	3.49	4.00	3.25
YES		NO						
L0001279	0	0.86560E-08	476487.8	3774195.9	328.6	3.49	4.00	3.25
YES		NO						
L0001280	0	0.86560E-08	476479.2	3774195.9	328.3	3.49	4.00	3.25
YES		NO						
L0001281	0	0.86560E-08	476470.7	3774196.0	328.0	3.49	4.00	3.25
YES		NO						
L0001282	0	0.86560E-08	476462.1	3774196.0	328.0	3.49	4.00	3.25
YES		NO						
L0001283	0	0.86560E-08	476453.5	3774196.0	328.0	3.49	4.00	3.25
YES		NO						
L0001284	0	0.86560E-08	476444.9	3774196.0	328.0	3.49	4.00	3.25
YES		NO						
L0001285	0	0.86560E-08	476436.3	3774196.1	328.0	3.49	4.00	3.25
YES		NO						
L0001286	0	0.86560E-08	476427.7	3774196.1	328.0	3.49	4.00	3.25
YES		NO						
L0001287	0	0.86560E-08	476419.1	3774196.1	328.0	3.49	4.00	3.25
YES		NO						
L0001288	0	0.86560E-08	476410.5	3774196.2	328.0	3.49	4.00	3.25
YES		NO						
L0001289	0	0.86560E-08	476401.9	3774196.2	328.0	3.49	4.00	3.25
YES		NO						
L0001290	0	0.86560E-08	476393.3	3774196.2	328.0	3.49	4.00	3.25
YES		NO						
L0001291	0	0.86560E-08	476384.8	3774196.3	328.0	3.49	4.00	3.25
YES		NO						
L0001292	0	0.86560E-08	476376.2	3774196.3	328.0	3.49	4.00	3.25
YES		NO						
L0001293	0	0.86560E-08	476367.6	3774196.3	328.0	3.49	4.00	3.25
YES		NO						
L0001294	0	0.86560E-08	476359.0	3774196.3	328.0	3.49	4.00	3.25
YES		NO						
L0001295	0	0.86560E-08	476350.4	3774196.4	328.0	3.49	4.00	3.25
YES		NO						
L0001296	0	0.86560E-08	476341.8	3774196.4	327.7	3.49	4.00	3.25
YES		NO						

L0001297 0 0.86560E-08 476333.2 3774196.4 327.4 3.49 4.00 3.25
YES NO
L0001298 0 0.86560E-08 476324.6 3774196.5 327.2 3.49 4.00 3.25
YES NO
L0001299 0 0.86560E-08 476316.0 3774196.5 327.0 3.49 4.00 3.25
YES NO
L0001300 0 0.86560E-08 476307.4 3774196.5 327.0 3.49 4.00 3.25
YES NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	SCALAR VARY BY
L0001301	0	0.86560E-08	476298.9	3774196.5	327.0	3.49	4.00	3.25	YES NO
L0001302	0	0.86560E-08	476290.3	3774196.6	327.0	3.49	4.00	3.25	YES NO
L0001303	0	0.86560E-08	476281.7	3774196.6	327.0	3.49	4.00	3.25	YES NO
L0001304	0	0.86560E-08	476273.1	3774196.6	327.0	3.49	4.00	3.25	YES NO
L0001305	0	0.86560E-08	476264.5	3774196.7	327.0	3.49	4.00	3.25	YES NO
L0001306	0	0.86560E-08	476255.9	3774196.7	327.0	3.49	4.00	3.25	YES NO
L0001307	0	0.86560E-08	476247.3	3774196.7	327.0	3.49	4.00	3.25	YES NO
L0001308	0	0.86560E-08	476238.7	3774196.8	327.0	3.49	4.00	3.25	YES NO
L0001309	0	0.86560E-08	476230.1	3774196.9	327.0	3.49	4.00	3.25	YES NO
L0001310	0	0.86560E-08	476221.5	3774197.0	327.0	3.49	4.00	3.25	YES NO
L0001311	0	0.86560E-08	476213.0	3774197.1	327.0	3.49	4.00	3.25	YES NO
L0001312	0	0.86560E-08	476204.4	3774197.2	327.0	3.49	4.00	3.25	YES NO
L0001313	0	0.86560E-08	476195.8	3774197.2	326.9	3.49	4.00	3.25	YES NO
L0001314	0	0.86560E-08	476187.2	3774197.3	326.6	3.49	4.00	3.25	YES NO
L0001315	0	0.86560E-08	476178.6	3774197.4	326.3	3.49	4.00	3.25	YES NO
L0001316	0	0.86560E-08	476170.0	3774197.5	326.1	3.49	4.00	3.25	YES NO
L0001317	0	0.86560E-08	476161.4	3774197.6	326.0	3.49	4.00	3.25	YES NO
L0001318	0	0.86560E-08	476152.8	3774197.7	326.0	3.49	4.00	3.25	YES NO
L0001319	0	0.86560E-08	476144.2	3774197.8	326.0	3.49	4.00	3.25	YES NO

L0001320 0 0.86560E-08 476135.7 3774197.8 326.0 3.49 4.00 3.25
YES NO
L0001321 0 0.86560E-08 476127.1 3774197.9 326.0 3.49 4.00 3.25
YES NO
L0001322 0 0.86560E-08 476118.5 3774198.0 326.0 3.49 4.00 3.25
YES NO
L0001323 0 0.86560E-08 476109.9 3774198.1 326.0 3.49 4.00 3.25
YES NO
L0001324 0 0.86560E-08 476101.3 3774198.2 326.0 3.49 4.00 3.25
YES NO
L0001325 0 0.86560E-08 476092.7 3774198.3 326.0 3.49 4.00 3.25
YES NO
L0001326 0 0.86560E-08 476084.1 3774198.4 326.0 3.49 4.00 3.25
YES NO
L0001327 0 0.86560E-08 476075.5 3774198.5 326.0 3.49 4.00 3.25
YES NO
L0001328 0 0.86560E-08 476066.9 3774198.5 326.0 3.49 4.00 3.25
YES NO
L0001329 0 0.86560E-08 476058.3 3774198.6 326.0 3.49 4.00 3.25
YES NO
L0001330 0 0.86560E-08 476049.8 3774198.7 326.0 3.49 4.00 3.25
YES NO
L0001331 0 0.86560E-08 476041.2 3774198.8 325.7 3.49 4.00 3.25
YES NO
L0001332 0 0.86560E-08 476032.6 3774198.9 325.5 3.49 4.00 3.25
YES NO
L0001333 0 0.86560E-08 476024.0 3774199.0 325.2 3.49 4.00 3.25
YES NO
L0001334 0 0.86560E-08 476015.4 3774199.1 325.1 3.49 4.00 3.25
YES NO
L0001335 0 0.86560E-08 476006.8 3774199.1 325.1 3.49 4.00 3.25
YES NO
L0001336 0 0.86560E-08 475998.2 3774199.2 325.0 3.49 4.00 3.25
YES NO
L0001337 0 0.86560E-08 475989.6 3774199.3 325.0 3.49 4.00 3.25
YES NO
L0001338 0 0.86560E-08 475981.0 3774199.4 325.0 3.49 4.00 3.25
YES NO
L0001339 0 0.86560E-08 475972.5 3774199.5 325.0 3.49 4.00 3.25
YES NO
L0001340 0 0.86560E-08 475963.9 3774199.6 325.0 3.49 4.00 3.25
YES NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT		BASE ELEV.	RELEASE HEIGHT	INIT. SY	INIT. SZ	SCALAR VARY BY
			X (METERS)	Y (METERS)	(METERS)	(METERS)	(METERS)		
L0001341	0	0.86560E-08	475955.3	3774199.7	325.0	3.49	4.00	3.25	
YES		NO							
L0001342	0	0.86560E-08	475946.7	3774199.8	325.0	3.49	4.00	3.25	
YES		NO							

L0001343	0	0.86560E-08	475938.1	3774199.8	325.0	3.49	4.00	3.25
YES		NO						
L0001344	0	0.28960E-08	478058.9	3774403.3	340.0	3.49	4.00	3.25
YES		NO						
L0001345	0	0.28960E-08	478067.5	3774403.7	340.0	3.49	4.00	3.25
YES		NO						
L0001346	0	0.28960E-08	478076.0	3774404.1	340.0	3.49	4.00	3.25
YES		NO						
L0001347	0	0.28960E-08	478084.6	3774404.5	340.0	3.49	4.00	3.25
YES		NO						
L0001348	0	0.28960E-08	478093.2	3774404.9	340.1	3.49	4.00	3.25
YES		NO						
L0001349	0	0.28960E-08	478101.8	3774405.3	340.4	3.49	4.00	3.25
YES		NO						
L0001350	0	0.28960E-08	478110.4	3774405.7	340.7	3.49	4.00	3.25
YES		NO						
L0001351	0	0.28960E-08	478118.9	3774406.1	341.0	3.49	4.00	3.25
YES		NO						
L0001352	0	0.28960E-08	478127.5	3774406.5	341.0	3.49	4.00	3.25
YES		NO						
L0001353	0	0.28960E-08	478136.1	3774406.9	341.0	3.49	4.00	3.25
YES		NO						
L0001354	0	0.28960E-08	478144.7	3774407.3	341.0	3.49	4.00	3.25
YES		NO						
L0001355	0	0.28960E-08	478153.3	3774407.7	341.0	3.49	4.00	3.25
YES		NO						
L0001356	0	0.28960E-08	478161.8	3774408.1	341.0	3.49	4.00	3.25
YES		NO						
L0001357	0	0.28960E-08	478170.4	3774408.5	341.0	3.49	4.00	3.25
YES		NO						
L0001358	0	0.28960E-08	478179.0	3774408.9	341.0	3.49	4.00	3.25
YES		NO						
L0001359	0	0.28960E-08	478187.6	3774409.1	341.0	3.49	4.00	3.25
YES		NO						
L0001360	0	0.28960E-08	478196.2	3774409.3	341.0	3.49	4.00	3.25
YES		NO						
L0001361	0	0.28960E-08	478204.8	3774409.5	341.0	3.49	4.00	3.25
YES		NO						
L0001362	0	0.28960E-08	478213.4	3774409.7	341.1	3.49	4.00	3.25
YES		NO						
L0001363	0	0.28960E-08	478221.9	3774409.9	341.4	3.49	4.00	3.25
YES		NO						
L0001364	0	0.28960E-08	478230.5	3774410.1	341.7	3.49	4.00	3.25
YES		NO						
L0001365	0	0.28960E-08	478239.1	3774410.3	342.0	3.49	4.00	3.25
YES		NO						
L0001366	0	0.28960E-08	478247.7	3774410.5	342.0	3.49	4.00	3.25
YES		NO						
L0001367	0	0.28960E-08	478256.3	3774410.7	342.0	3.49	4.00	3.25
YES		NO						
L0001368	0	0.28960E-08	478264.9	3774410.9	342.0	3.49	4.00	3.25
YES		NO						
L0001369	0	0.28960E-08	478273.5	3774411.1	342.0	3.49	4.00	3.25
YES		NO						
L0001370	0	0.28960E-08	478282.1	3774411.3	342.0	3.49	4.00	3.25
YES		NO						
L0001371	0	0.28960E-08	478290.6	3774411.5	342.0	3.49	4.00	3.25
YES		NO						
L0001372	0	0.28960E-08	478299.2	3774411.7	342.0	3.49	4.00	3.25
YES		NO						
L0001373	0	0.28960E-08	478307.8	3774411.9	342.0	3.49	4.00	3.25
YES		NO						
L0001374	0	0.28960E-08	478316.4	3774412.1	342.0	3.49	4.00	3.25
YES		NO						
L0001375	0	0.28960E-08	478325.0	3774412.3	342.0	3.49	4.00	3.25
YES		NO						

L0001376 0 0.28960E-08 478333.2 3774412.9 342.1 3.49 4.00 3.25
YES NO
L0001377 0 0.28960E-08 478333.3 3774421.5 342.1 3.49 4.00 3.25
YES NO
L0001378 0 0.28960E-08 478333.3 3774430.1 342.1 3.49 4.00 3.25
YES NO
L0001379 0 0.28960E-08 478333.3 3774438.7 342.1 3.49 4.00 3.25
YES NO
L0001380 0 0.28960E-08 478333.4 3774447.3 342.1 3.49 4.00 3.25
YES NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	SCALAR VARY BY
L0001381	0	0.28960E-08	478333.4	3774455.8	342.1	3.49	4.00	3.25	YES NO
L0001382	0	0.28960E-08	478333.5	3774464.4	342.1	3.49	4.00	3.25	YES NO
L0001383	0	0.28960E-08	478333.5	3774473.0	342.1	3.49	4.00	3.25	YES NO
L0001384	0	0.28960E-08	478333.5	3774481.6	342.1	3.49	4.00	3.25	YES NO
L0001385	0	0.28960E-08	478333.6	3774490.2	342.1	3.49	4.00	3.25	YES NO
L0001386	0	0.28960E-08	478333.6	3774498.8	342.1	3.49	4.00	3.25	YES NO
L0001387	0	0.28960E-08	478333.6	3774507.4	342.1	3.49	4.00	3.25	YES NO
L0001388	0	0.28960E-08	478333.7	3774516.0	342.1	3.49	4.00	3.25	YES NO
L0001389	0	0.28960E-08	478333.7	3774524.6	342.1	3.49	4.00	3.25	YES NO
L0001390	0	0.28960E-08	478333.8	3774533.2	342.1	3.49	4.00	3.25	YES NO
L0001391	0	0.28960E-08	478333.8	3774541.7	342.1	3.49	4.00	3.25	YES NO
L0001392	0	0.28960E-08	478333.8	3774550.3	342.1	3.49	4.00	3.25	YES NO
L0001393	0	0.28960E-08	478333.9	3774558.9	342.2	3.49	4.00	3.25	YES NO
L0001394	0	0.28960E-08	478333.9	3774567.5	342.5	3.49	4.00	3.25	YES NO
L0001395	0	0.28960E-08	478334.0	3774576.1	342.7	3.49	4.00	3.25	YES NO
L0001396	0	0.28960E-08	478334.0	3774584.7	342.9	3.49	4.00	3.25	YES NO
L0001397	0	0.28960E-08	478334.0	3774593.3	343.0	3.49	4.00	3.25	YES NO
L0001398	0	0.28960E-08	478334.1	3774601.9	343.0	3.49	4.00	3.25	YES NO

```
 L0001399         0   0.28960E-08  478334.1 3774610.5   343.0     3.49     4.00     3.25
 YES                    NO
 L0001400         0   0.28960E-08  478334.1 3774619.1   343.0     3.49     4.00     3.25
 YES                    NO
 L0001401         0   0.28960E-08  478334.0 3774627.6   343.0     3.49     4.00     3.25
 YES                    NO
 L0001402         0   0.28960E-08  478334.0 3774636.2   343.0     3.49     4.00     3.25
 YES                    NO
 L0001403         0   0.28960E-08  478333.9 3774644.8   343.0     3.49     4.00     3.25
 YES                    NO
 L0001404         0   0.28960E-08  478333.8 3774653.4   343.0     3.49     4.00     3.25
 YES                    NO
 L0001405         0   0.28960E-08  478333.8 3774662.0   343.0     3.49     4.00     3.25
 YES                    NO
 L0001406         0   0.28960E-08  478333.7 3774670.6   343.0     3.49     4.00     3.25
 YES                    NO
 L0001407         0   0.28960E-08  478333.7 3774679.2   343.0     3.49     4.00     3.25
 YES                    NO
 L0001408         0   0.28960E-08  478333.6 3774687.8   343.0     3.49     4.00     3.25
 YES                    NO
 L0001409         0   0.28960E-08  478333.6 3774696.4   343.0     3.49     4.00     3.25
 YES                    NO
 L0001410         0   0.28960E-08  478333.5 3774705.0   343.0     3.49     4.00     3.25
 YES                    NO
 L0001411         0   0.28960E-08  478333.4 3774713.5   343.0     3.49     4.00     3.25
 YES                    NO
 L0001412         0   0.28960E-08  478333.4 3774722.1   343.0     3.49     4.00     3.25
 YES                    NO
 L0001413         0   0.28960E-08  478333.3 3774730.7   343.0     3.49     4.00     3.25
 YES                    NO
 L0001414         0   0.28960E-08  478333.3 3774739.3   343.0     3.49     4.00     3.25
 YES                    NO
 L0001415         0   0.28960E-08  478333.2 3774747.9   343.0     3.49     4.00     3.25
 YES                    NO
 L0001416         0   0.28960E-08  478333.2 3774756.5   343.0     3.49     4.00     3.25
 YES                    NO
 L0001417         0   0.28960E-08  478333.1 3774765.1   343.0     3.49     4.00     3.25
 YES                    NO
 L0001418         0   0.28960E-08  478333.0 3774773.7   343.0     3.49     4.00     3.25
 YES                    NO
 L0001419         0   0.28960E-08  478333.0 3774782.3   343.0     3.49     4.00     3.25
 YES                    NO
 L0001420         0   0.28960E-08  478332.9 3774790.9   343.0     3.49     4.00     3.25
 YES                    NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        02/03/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       14:26:20

                     PAGE  14
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE   AIRCRAFT
  SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
  SOURCE  SCALAR VARY
    ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
    (METERS)             BY
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- - - - - - - - - - - -

 L0001421         0   0.28960E-08  478332.9 3774799.4   343.0     3.49     4.00     3.25
 YES                    NO
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L0001422	0	0.28960E-08	478332.8	3774808.0	343.0	3.49	4.00	3.25
YES		NO						
L0001423	0	0.86500E-08	477613.9	3774194.9	336.1	3.49	4.00	3.25
YES		NO						
L0001424	0	0.86500E-08	477622.5	3774195.1	336.4	3.49	4.00	3.25
YES		NO						
L0001425	0	0.86500E-08	477631.1	3774195.3	336.7	3.49	4.00	3.25
YES		NO						
L0001426	0	0.86500E-08	477639.7	3774195.5	337.0	3.49	4.00	3.25
YES		NO						
L0001427	0	0.86500E-08	477648.2	3774195.7	337.0	3.49	4.00	3.25
YES		NO						
L0001428	0	0.86500E-08	477656.8	3774195.9	337.0	3.49	4.00	3.25
YES		NO						
L0001429	0	0.86500E-08	477665.4	3774196.1	337.0	3.49	4.00	3.25
YES		NO						
L0001430	0	0.86500E-08	477674.0	3774196.3	337.0	3.49	4.00	3.25
YES		NO						
L0001431	0	0.86500E-08	477682.6	3774196.6	337.0	3.49	4.00	3.25
YES		NO						
L0001432	0	0.86500E-08	477691.2	3774196.8	337.0	3.49	4.00	3.25
YES		NO						
L0001433	0	0.86500E-08	477699.8	3774197.0	337.0	3.49	4.00	3.25
YES		NO						
L0001434	0	0.86500E-08	477708.4	3774197.2	337.0	3.49	4.00	3.25
YES		NO						
L0001435	0	0.86500E-08	477716.9	3774197.4	337.0	3.49	4.00	3.25
YES		NO						
L0001436	0	0.86500E-08	477725.5	3774197.6	337.0	3.49	4.00	3.25
YES		NO						
L0001437	0	0.86500E-08	477734.1	3774197.8	337.0	3.49	4.00	3.25
YES		NO						
L0001438	0	0.86500E-08	477742.7	3774198.0	337.0	3.49	4.00	3.25
YES		NO						
L0001439	0	0.86500E-08	477751.3	3774198.2	337.1	3.49	4.00	3.25
YES		NO						
L0001440	0	0.86500E-08	477759.9	3774198.4	337.1	3.49	4.00	3.25
YES		NO						
L0001441	0	0.86500E-08	477768.5	3774198.6	337.3	3.49	4.00	3.25
YES		NO						
L0001442	0	0.86500E-08	477777.1	3774198.9	337.6	3.49	4.00	3.25
YES		NO						
L0001443	0	0.86500E-08	477785.6	3774199.1	337.9	3.49	4.00	3.25
YES		NO						
L0001444	0	0.86500E-08	477794.2	3774199.3	338.0	3.49	4.00	3.25
YES		NO						
L0001445	0	0.86500E-08	477802.8	3774199.5	338.0	3.49	4.00	3.25
YES		NO						
L0001446	0	0.86500E-08	477811.4	3774199.7	338.0	3.49	4.00	3.25
YES		NO						
L0001447	0	0.86500E-08	477820.0	3774199.9	338.0	3.49	4.00	3.25
YES		NO						
L0001448	0	0.86500E-08	477828.6	3774200.1	338.0	3.49	4.00	3.25
YES		NO						
L0001449	0	0.86500E-08	477837.2	3774200.3	338.0	3.49	4.00	3.25
YES		NO						
L0001450	0	0.86500E-08	477845.8	3774200.4	338.0	3.49	4.00	3.25
YES		NO						
L0001451	0	0.86500E-08	477854.3	3774200.6	338.0	3.49	4.00	3.25
YES		NO						
L0001452	0	0.86500E-08	477862.9	3774200.8	338.0	3.49	4.00	3.25
YES		NO						
L0001453	0	0.86500E-08	477871.5	3774201.0	338.0	3.49	4.00	3.25
YES		NO						
L0001454	0	0.86500E-08	477880.1	3774201.2	338.0	3.49	4.00	3.25
YES		NO						

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 L0001455         0   0.86500E-08  477888.7 3774201.4   338.3     3.49     4.00     3.25
 YES                    NO
 L0001456         0   0.86500E-08  477897.3 3774201.6   338.6     3.49     4.00     3.25
 YES                    NO
 L0001457         0   0.86500E-08  477905.9 3774201.7   338.9     3.49     4.00     3.25
 YES                    NO
 L0001458         0   0.86500E-08  477914.5 3774201.9   339.0     3.49     4.00     3.25
 YES                    NO
 L0001459         0   0.86500E-08  477923.0 3774202.1   339.0     3.49     4.00     3.25
 YES                    NO
 L0001460         0   0.86500E-08  477931.6 3774202.3   339.0     3.49     4.00     3.25
 YES                    NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        02/03/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       14:26:20

                     PAGE  15
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE   AIRCRAFT
   SOURCE      PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
   SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
     (METERS)             BY
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 - - - - - - - - - - - -

 L0001461         0   0.86500E-08  477940.2 3774202.5   339.0     3.49     4.00     3.25
 YES                    NO
 L0001462         0   0.86500E-08  477948.8 3774202.7   339.0     3.49     4.00     3.25
 YES                    NO
 L0001463         0   0.86500E-08  477957.4 3774202.9   339.0     3.49     4.00     3.25
 YES                    NO
 L0001464         0   0.86500E-08  477966.0 3774203.1   339.0     3.49     4.00     3.25
 YES                    NO
 L0001465         0   0.86500E-08  477974.6 3774203.2   339.2     3.49     4.00     3.25
 YES                    NO
 L0001466         0   0.86500E-08  477983.2 3774203.4   339.4     3.49     4.00     3.25
 YES                    NO
 L0001467         0   0.86500E-08  477991.8 3774203.6   339.7     3.49     4.00     3.25
 YES                    NO
 L0001468         0   0.86500E-08  478000.3 3774203.8   340.0     3.49     4.00     3.25
 YES                    NO
 L0001469         0   0.86500E-08  478008.9 3774204.0   340.0     3.49     4.00     3.25
 YES                    NO
 L0001470         0   0.86500E-08  478017.5 3774204.2   340.0     3.49     4.00     3.25
 YES                    NO
 L0001471         0   0.86500E-08  478026.1 3774204.4   340.0     3.49     4.00     3.25
 YES                    NO
 L0001472         0   0.86500E-08  478034.7 3774204.5   340.0     3.49     4.00     3.25
 YES                    NO
 L0001473         0   0.86500E-08  478043.3 3774204.8   340.0     3.49     4.00     3.25
 YES                    NO
 L0001474         0   0.86500E-08  478051.9 3774205.2   340.0     3.49     4.00     3.25
 YES                    NO
 L0001475         0   0.86500E-08  478060.4 3774205.5   340.0     3.49     4.00     3.25
 YES                    NO
 L0001476         0   0.86500E-08  478069.0 3774205.9   340.0     3.49     4.00     3.25
 YES                    NO
 L0001477         0   0.86500E-08  478077.6 3774206.2   340.0     3.49     4.00     3.25
 YES                    NO
```

L0001478	0	0.86500E-08	478086.2	3774206.6	340.0	3.49	4.00	3.25
YES		NO						
L0001479	0	0.86500E-08	478094.8	3774206.9	340.2	3.49	4.00	3.25
YES		NO						
L0001480	0	0.86500E-08	478103.4	3774207.3	340.4	3.49	4.00	3.25
YES		NO						
L0001481	0	0.46220E-07	478112.3	3774206.5	340.8	3.49	4.00	3.25
YES		NO						
L0001482	0	0.46220E-07	478120.9	3774206.5	341.0	3.49	4.00	3.25
YES		NO						
L0001483	0	0.46220E-07	478129.5	3774206.5	341.0	3.49	4.00	3.25
YES		NO						
L0001484	0	0.46220E-07	478138.1	3774206.5	341.0	3.49	4.00	3.25
YES		NO						
L0001485	0	0.46220E-07	478146.7	3774206.5	341.0	3.49	4.00	3.25
YES		NO						
L0001486	0	0.46220E-07	478155.2	3774206.5	341.0	3.49	4.00	3.25
YES		NO						
L0001487	0	0.46220E-07	478163.8	3774206.5	341.0	3.49	4.00	3.25
YES		NO						
L0001488	0	0.46220E-07	478172.4	3774206.5	341.0	3.49	4.00	3.25
YES		NO						
L0001489	0	0.46220E-07	478181.0	3774206.5	341.0	3.49	4.00	3.25
YES		NO						
L0001490	0	0.46220E-07	478189.6	3774206.5	341.0	3.49	4.00	3.25
YES		NO						
L0001491	0	0.46220E-07	478198.2	3774206.5	341.0	3.49	4.00	3.25
YES		NO						
L0001492	0	0.46220E-07	478206.8	3774206.5	341.0	3.49	4.00	3.25
YES		NO						
L0001493	0	0.46220E-07	478215.4	3774206.5	341.2	3.49	4.00	3.25
YES		NO						
L0001494	0	0.46220E-07	478224.0	3774206.5	341.5	3.49	4.00	3.25
YES		NO						
L0001495	0	0.46220E-07	478232.6	3774206.5	341.8	3.49	4.00	3.25
YES		NO						
L0001496	0	0.46220E-07	478241.1	3774206.5	342.0	3.49	4.00	3.25
YES		NO						
L0001497	0	0.46220E-07	478249.7	3774206.5	342.0	3.49	4.00	3.25
YES		NO						
L0001498	0	0.46220E-07	478258.3	3774206.5	342.0	3.49	4.00	3.25
YES		NO						
L0001499	0	0.46220E-07	478266.9	3774206.5	342.0	3.49	4.00	3.25
YES		NO						
L0001500	0	0.46220E-07	478275.5	3774206.5	342.0	3.49	4.00	3.25
YES		NO						

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)
SOURCE ID	SCALAR VARY BY							
- - -

L0001501	0	0.46220E-07	478284.1	3774206.5	342.0	3.49	4.00	3.25
YES		NO						
L0001502	0	0.46220E-07	478292.7	3774206.5	342.0	3.49	4.00	3.25
YES		NO						
L0001503	0	0.46220E-07	478301.3	3774206.5	342.0	3.49	4.00	3.25
YES		NO						
L0001504	0	0.46220E-07	478309.9	3774206.5	342.0	3.49	4.00	3.25
YES		NO						
L0001505	0	0.46220E-07	478318.5	3774206.5	342.0	3.49	4.00	3.25
YES		NO						
L0001506	0	0.46220E-07	478327.0	3774206.5	342.0	3.49	4.00	3.25
YES		NO						
L0001507	0	0.46220E-07	478335.6	3774206.5	342.0	3.49	4.00	3.25
YES		NO						
L0001508	0	0.46220E-07	478344.2	3774206.5	342.0	3.49	4.00	3.25
YES		NO						
L0001509	0	0.46220E-07	478352.8	3774206.5	342.0	3.49	4.00	3.25
YES		NO						
L0001510	0	0.46220E-07	478361.4	3774206.4	342.0	3.49	4.00	3.25
YES		NO						
L0001511	0	0.46220E-07	478370.0	3774206.4	342.1	3.49	4.00	3.25
YES		NO						
L0001512	0	0.46220E-07	478378.6	3774206.3	342.2	3.49	4.00	3.25
YES		NO						
L0001513	0	0.46220E-07	478387.2	3774206.2	342.3	3.49	4.00	3.25
YES		NO						
L0001514	0	0.46220E-07	478395.8	3774206.2	342.5	3.49	4.00	3.25
YES		NO						
L0001515	0	0.46220E-07	478404.3	3774206.1	342.7	3.49	4.00	3.25
YES		NO						
L0001516	0	0.46220E-07	478412.9	3774206.1	342.8	3.49	4.00	3.25
YES		NO						
L0001517	0	0.46220E-07	478421.5	3774206.0	343.0	3.49	4.00	3.25
YES		NO						
L0001518	0	0.46220E-07	478430.1	3774205.9	343.0	3.49	4.00	3.25
YES		NO						
L0001519	0	0.46220E-07	478438.7	3774205.9	343.0	3.49	4.00	3.25
YES		NO						
L0001520	0	0.46220E-07	478447.3	3774205.8	343.0	3.49	4.00	3.25
YES		NO						
L0001521	0	0.46220E-07	478455.9	3774205.8	343.0	3.49	4.00	3.25
YES		NO						
L0001522	0	0.46220E-07	478464.5	3774205.7	343.0	3.49	4.00	3.25
YES		NO						
L0001523	0	0.46220E-07	478473.1	3774205.6	343.0	3.49	4.00	3.25
YES		NO						
L0001524	0	0.46220E-07	478481.7	3774205.6	343.0	3.49	4.00	3.25
YES		NO						
L0001525	0	0.46220E-07	478490.2	3774205.5	343.1	3.49	4.00	3.25
YES		NO						
L0001526	0	0.46220E-07	478498.8	3774205.4	343.2	3.49	4.00	3.25
YES		NO						
L0001527	0	0.46220E-07	478507.4	3774205.4	343.3	3.49	4.00	3.25
YES		NO						
L0001528	0	0.46220E-07	478516.0	3774205.3	343.4	3.49	4.00	3.25
YES		NO						
L0001529	0	0.46220E-07	478524.6	3774205.3	343.6	3.49	4.00	3.25
YES		NO						
L0001530	0	0.46220E-07	478533.2	3774205.2	343.8	3.49	4.00	3.25
YES		NO						
L0001531	0	0.46220E-07	478541.8	3774205.1	344.0	3.49	4.00	3.25
YES		NO						
L0001532	0	0.46220E-07	478550.4	3774205.1	344.0	3.49	4.00	3.25
YES		NO						
L0001533	0	0.46220E-07	478559.0	3774205.1	344.0	3.49	4.00	3.25
YES		NO						

L0001534 0 0.46220E-07 478567.6 3774205.0 344.0 3.49 4.00 3.25
YES NO
L0001535 0 0.46220E-07 478576.1 3774205.0 344.0 3.49 4.00 3.25
YES NO
L0001536 0 0.46220E-07 478584.7 3774205.0 344.0 3.49 4.00 3.25
YES NO
L0001537 0 0.46220E-07 478593.3 3774204.9 344.0 3.49 4.00 3.25
YES NO
L0001538 0 0.46220E-07 478601.9 3774204.9 344.0 3.49 4.00 3.25
YES NO
L0001539 0 0.46220E-07 478610.5 3774204.9 344.0 3.49 4.00 3.25
YES NO
L0001540 0 0.46220E-07 478619.1 3774204.8 344.0 3.49 4.00 3.25
YES NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART. SCALAR VARY BY	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ
L0001541	0	0.46220E-07	478627.7	3774204.8	344.0	3.49	4.00	3.25
YES		NO						
L0001542	0	0.46220E-07	478636.3	3774204.8	344.0	3.49	4.00	3.25
YES		NO						
L0001543	0	0.46220E-07	478644.9	3774204.7	344.0	3.49	4.00	3.25
YES		NO						
L0001544	0	0.46220E-07	478653.5	3774204.7	344.0	3.49	4.00	3.25
YES		NO						
L0001545	0	0.46220E-07	478662.0	3774204.7	344.1	3.49	4.00	3.25
YES		NO						
L0001546	0	0.46220E-07	478670.6	3774204.6	344.4	3.49	4.00	3.25
YES		NO						
L0001547	0	0.46220E-07	478679.2	3774204.6	344.7	3.49	4.00	3.25
YES		NO						
L0001548	0	0.46220E-07	478687.8	3774204.6	344.9	3.49	4.00	3.25
YES		NO						
L0001549	0	0.46220E-07	478696.4	3774204.5	345.0	3.49	4.00	3.25
YES		NO						
L0001550	0	0.46220E-07	478705.0	3774204.5	345.0	3.49	4.00	3.25
YES		NO						
L0001551	0	0.46220E-07	478713.6	3774204.5	345.0	3.49	4.00	3.25
YES		NO						
L0001552	0	0.46220E-07	478722.2	3774204.4	345.0	3.49	4.00	3.25
YES		NO						
L0001553	0	0.46220E-07	478730.8	3774204.4	345.0	3.49	4.00	3.25
YES		NO						
L0001554	0	0.46220E-07	478739.4	3774204.4	345.0	3.49	4.00	3.25
YES		NO						
L0001555	0	0.46220E-07	478747.9	3774204.3	345.0	3.49	4.00	3.25
YES		NO						
L0001556	0	0.46220E-07	478756.5	3774204.3	345.0	3.49	4.00	3.25
YES		NO						

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 L0001557         0   0.46220E-07  478765.1 3774204.3   345.0     3.49     4.00     3.25
 YES                    NO
 L0001558         0   0.46220E-07  478773.7 3774204.2   345.0     3.49     4.00     3.25
 YES                    NO
 L0001559         0   0.46220E-07  478782.3 3774204.2   345.0     3.49     4.00     3.25
 YES                    NO
 L0001560         0   0.46220E-07  478790.9 3774204.3   345.0     3.49     4.00     3.25
 YES                    NO
 L0001561         0   0.46220E-07  478799.5 3774204.3   345.0     3.49     4.00     3.25
 YES                    NO
 L0001562         0   0.46220E-07  478808.1 3774204.3   345.0     3.49     4.00     3.25
 YES                    NO
 L0001563         0   0.46220E-07  478816.7 3774204.3   345.2     3.49     4.00     3.25
 YES                    NO
 L0001564         0   0.46220E-07  478825.3 3774204.3   345.5     3.49     4.00     3.25
 YES                    NO
 L0001565         0   0.46220E-07  478833.8 3774204.3   345.8     3.49     4.00     3.25
 YES                    NO
 L0001566         0   0.46220E-07  478842.4 3774204.3   346.0     3.49     4.00     3.25
 YES                    NO
 L0001567         0   0.46220E-07  478851.0 3774204.3   346.0     3.49     4.00     3.25
 YES                    NO
 L0001568         0   0.46220E-07  478859.6 3774204.3   346.0     3.49     4.00     3.25
 YES                    NO
 L0001569         0   0.46220E-07  478868.2 3774204.3   346.0     3.49     4.00     3.25
 YES                    NO
 L0001570         0   0.46220E-07  478876.8 3774204.3   346.1     3.49     4.00     3.25
 YES                    NO
 L0001571         0   0.46220E-07  478885.4 3774204.3   346.1     3.49     4.00     3.25
 YES                    NO
 L0001572         0   0.46220E-07  478894.0 3774204.3   346.2     3.49     4.00     3.25
 YES                    NO
 L0001573         0   0.46220E-07  478902.6 3774204.3   346.3     3.49     4.00     3.25
 YES                    NO
 L0001574         0   0.46220E-07  478911.2 3774204.3   346.5     3.49     4.00     3.25
 YES                    NO
 L0001575         0   0.46220E-07  478919.7 3774204.3   346.8     3.49     4.00     3.25
 YES                    NO
 L0001576         0   0.46220E-07  478928.3 3774204.3   347.0     3.49     4.00     3.25
 YES                    NO
 L0001577         0   0.46220E-07  478936.9 3774204.3   347.0     3.49     4.00     3.25
 YES                    NO
 L0001578         0   0.46220E-07  478945.5 3774204.3   347.0     3.49     4.00     3.25
 YES                    NO
 L0001579         0   0.46220E-07  478954.1 3774204.3   347.0     3.49     4.00     3.25
 YES                    NO
 L0001580         0   0.46220E-07  478962.7 3774204.3   347.0     3.49     4.00     3.25
 YES                    NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        02/03/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       14:26:20

                      PAGE  18
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                      BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE   AIRCRAFT
  SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
  SOURCE  SCALAR VARY
    ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
    (METERS)             BY
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L0001581	0	0.46220E-07	478971.3	3774204.3	347.0	3.49	4.00	3.25
YES		NO						
L0001582	0	0.46220E-07	478979.9	3774204.3	347.0	3.49	4.00	3.25
YES		NO						
L0001583	0	0.46220E-07	478988.5	3774204.3	347.0	3.49	4.00	3.25
YES		NO						
L0001584	0	0.46220E-07	478997.1	3774204.3	347.2	3.49	4.00	3.25
YES		NO						
L0001585	0	0.46220E-07	479005.6	3774204.3	347.5	3.49	4.00	3.25
YES		NO						
L0001586	0	0.46220E-07	479014.2	3774204.3	347.8	3.49	4.00	3.25
YES		NO						
L0001587	0	0.46220E-07	479022.8	3774204.3	348.0	3.49	4.00	3.25
YES		NO						
L0001588	0	0.46220E-07	479031.4	3774204.3	348.0	3.49	4.00	3.25
YES		NO						
L0001589	0	0.46220E-07	479040.0	3774204.3	348.0	3.49	4.00	3.25
YES		NO						
L0001590	0	0.46220E-07	479048.6	3774204.3	348.0	3.49	4.00	3.25
YES		NO						
L0001591	0	0.46220E-07	479057.2	3774204.3	348.0	3.49	4.00	3.25
YES		NO						
L0001592	0	0.46220E-07	479065.8	3774204.3	348.0	3.49	4.00	3.25
YES		NO						
L0001593	0	0.46220E-07	479074.4	3774204.3	348.0	3.49	4.00	3.25
YES		NO						
L0001594	0	0.46220E-07	479083.0	3774204.3	348.0	3.49	4.00	3.25
YES		NO						
L0001595	0	0.46220E-07	479091.5	3774204.3	348.0	3.49	4.00	3.25
YES		NO						
L0001596	0	0.46220E-07	479100.1	3774204.3	348.0	3.49	4.00	3.25
YES		NO						
L0001597	0	0.46220E-07	479108.7	3774204.3	348.0	3.49	4.00	3.25
YES		NO						
L0001598	0	0.46220E-07	479117.3	3774204.3	348.0	3.49	4.00	3.25
YES		NO						
L0001599	0	0.46220E-07	479125.9	3774204.3	348.0	3.49	4.00	3.25
YES		NO						
L0001600	0	0.46220E-07	479134.5	3774204.3	348.0	3.49	4.00	3.25
YES		NO						
L0001601	0	0.46220E-07	479143.1	3774204.3	348.1	3.49	4.00	3.25
YES		NO						
L0001602	0	0.75390E-07	479154.7	3774204.2	348.5	3.49	6.51	3.25
YES		NO						
L0001603	0	0.75390E-07	479168.7	3774204.1	349.0	3.49	6.51	3.25
YES		NO						
L0001604	0	0.75390E-07	479182.7	3774204.0	349.0	3.49	6.51	3.25
YES		NO						
L0001605	0	0.75390E-07	479196.7	3774203.8	349.0	3.49	6.51	3.25
YES		NO						
L0001606	0	0.75390E-07	479210.7	3774203.7	349.0	3.49	6.51	3.25
YES		NO						
L0001607	0	0.75390E-07	479224.7	3774203.6	349.0	3.49	6.51	3.25
YES		NO						
L0001608	0	0.75390E-07	479238.7	3774203.4	349.1	3.49	6.51	3.25
YES		NO						
L0001609	0	0.75390E-07	479252.7	3774203.3	349.2	3.49	6.51	3.25
YES		NO						
L0001610	0	0.75390E-07	479266.7	3774203.2	349.4	3.49	6.51	3.25
YES		NO						
L0001611	0	0.75390E-07	479280.7	3774203.0	349.8	3.49	6.51	3.25
YES		NO						
L0001612	0	0.75390E-07	479294.7	3774202.9	350.0	3.49	6.51	3.25
YES		NO						

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 L0001613         0   0.75390E-07  479308.7 3774202.8   350.0     3.49     6.51     3.25
 YES                    NO
 L0001614         0   0.75390E-07  479322.7 3774202.7   350.0     3.49     6.51     3.25
 YES                    NO
 L0001615         0   0.75390E-07  479336.7 3774202.5   350.0     3.49     6.51     3.25
 YES                    NO
 L0001616         0   0.75390E-07  479350.7 3774202.4   350.0     3.49     6.51     3.25
 YES                    NO
 L0001617         0   0.75390E-07  479364.7 3774202.3   350.0     3.49     6.51     3.25
 YES                    NO
 L0001618         0   0.75390E-07  479378.7 3774202.1   350.0     3.49     6.51     3.25
 YES                    NO
 L0001619         0   0.75390E-07  479392.7 3774202.0   350.1     3.49     6.51     3.25
 YES                    NO
 L0001620         0   0.75390E-07  479406.7 3774202.0   350.2     3.49     6.51     3.25
 YES                    NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        02/03/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       14:26:20

                      PAGE  19
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                      BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE   AIRCRAFT
   SOURCE      PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
   SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
     (METERS)              BY
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 L0001621         0   0.75390E-07  479420.7 3774202.0   350.5     3.49     6.51     3.25
 YES                    NO
 L0001622         0   0.75390E-07  479434.7 3774202.0   350.9     3.49     6.51     3.25
 YES                    NO
 L0001623         0   0.75390E-07  479448.7 3774202.0   351.0     3.49     6.51     3.25
 YES                    NO
 L0001624         0   0.75390E-07  479462.7 3774202.0   351.0     3.49     6.51     3.25
 YES                    NO
 L0001625         0   0.75390E-07  479476.7 3774202.0   351.0     3.49     6.51     3.25
 YES                    NO
 L0001626         0   0.75390E-07  479490.7 3774202.0   351.0     3.49     6.51     3.25
 YES                    NO
 L0001627         0   0.75390E-07  479504.7 3774202.0   351.2     3.49     6.51     3.25
 YES                    NO
 L0001628         0   0.75390E-07  479518.7 3774202.0   351.6     3.49     6.51     3.25
 YES                    NO
 L0001629         0   0.75390E-07  479532.7 3774202.0   352.0     3.49     6.51     3.25
 YES                    NO
 L0001630         0   0.75390E-07  479546.7 3774202.0   352.0     3.49     6.51     3.25
 YES                    NO
 L0001631         0   0.75390E-07  479560.7 3774202.0   352.0     3.49     6.51     3.25
 YES                    NO
 L0001632         0   0.75390E-07  479574.7 3774202.0   352.0     3.49     6.51     3.25
 YES                    NO
 L0001633         0   0.75390E-07  479588.7 3774202.0   352.0     3.49     6.51     3.25
 YES                    NO
 L0001634         0   0.75390E-07  479602.7 3774202.0   352.0     3.49     6.51     3.25
 YES                    NO
 L0001635         0   0.75390E-07  479616.7 3774202.0   352.0     3.49     6.51     3.25
 YES                    NO
```

L0001636	0	0.75390E-07	479630.7	3774202.0	352.4	3.49	6.51	3.25	
YES		NO							
L0001637	0	0.75390E-07	479644.7	3774202.1	352.8	3.49	6.51	3.25	
YES		NO							
L0001638	0	0.75390E-07	479658.7	3774202.1	353.0	3.49	6.51	3.25	
YES		NO							
L0001639	0	0.75390E-07	479672.7	3774202.1	353.0	3.49	6.51	3.25	
YES		NO							
L0001640	0	0.75390E-07	479686.7	3774202.2	353.0	3.49	6.51	3.25	
YES		NO							
L0001641	0	0.75390E-07	479700.7	3774202.2	353.0	3.49	6.51	3.25	
YES		NO							
L0001642	0	0.75390E-07	479714.7	3774202.2	353.0	3.49	6.51	3.25	
YES		NO							
L0001643	0	0.75390E-07	479728.7	3774202.2	353.0	3.49	6.51	3.25	
YES		NO							
L0001644	0	0.75390E-07	479742.7	3774202.3	353.0	3.49	6.51	3.25	
YES		NO							
L0001645	0	0.75390E-07	479756.7	3774202.3	353.1	3.49	6.51	3.25	
YES		NO							
L0001646	0	0.75390E-07	479770.7	3774202.3	353.2	3.49	6.51	3.25	
YES		NO							
L0001647	0	0.75390E-07	479784.7	3774202.4	353.2	3.49	6.51	3.25	
YES		NO							
L0001648	0	0.75390E-07	479798.7	3774202.4	353.2	3.49	6.51	3.25	
YES		NO							
L0001649	0	0.75390E-07	479812.7	3774202.4	353.2	3.49	6.51	3.25	
YES		NO							
L0001650	0	0.75390E-07	479826.7	3774202.5	353.2	3.49	6.51	3.25	
YES		NO							
L0001651	0	0.75390E-07	479840.7	3774202.5	353.5	3.49	6.51	3.25	
YES		NO							
L0001652	0	0.75390E-07	479854.7	3774202.5	353.9	3.49	6.51	3.25	
YES		NO							
L0001653	0	0.75390E-07	479868.7	3774202.5	354.0	3.49	6.51	3.25	
YES		NO							
L0001654	0	0.75390E-07	479882.7	3774202.6	354.0	3.49	6.51	3.25	
YES		NO							
L0001655	0	0.75390E-07	479896.7	3774202.6	354.0	3.49	6.51	3.25	
YES		NO							
L0001656	0	0.75390E-07	479910.7	3774202.6	354.0	3.49	6.51	3.25	
YES		NO							
L0001657	0	0.75390E-07	479924.7	3774202.7	354.0	3.49	6.51	3.25	
YES		NO							
L0001658	0	0.75390E-07	479938.7	3774202.4	354.0	3.49	6.51	3.25	
YES		NO							
L0001659	0	0.75390E-07	479952.7	3774201.7	354.1	3.49	6.51	3.25	
YES		NO							
L0001660	0	0.75390E-07	479966.7	3774200.9	354.6	3.49	6.51	3.25	
YES		NO							

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN PART. SCALAR VARY CATS.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)

(METERS) BY

L0001661	0	0.75390E-07	479980.6	3774199.7	355.0	3.49	6.51	3.25
YES		NO						
L0001662	0	0.75390E-07	479994.6	3774198.4	355.0	3.49	6.51	3.25
YES		NO						
L0001663	0	0.75390E-07	480008.5	3774197.1	355.0	3.49	6.51	3.25
YES		NO						
L0001664	0	0.75390E-07	480022.4	3774195.8	355.4	3.49	6.51	3.25
YES		NO						
L0001665	0	0.75390E-07	480036.4	3774194.6	355.9	3.49	6.51	3.25
YES		NO						
L0001666	0	0.75390E-07	480050.3	3774193.3	356.0	3.49	6.51	3.25
YES		NO						
L0001667	0	0.75390E-07	480064.3	3774192.0	356.0	3.49	6.51	3.25
YES		NO						
L0001668	0	0.75390E-07	480078.2	3774190.7	356.0	3.49	6.51	3.25
YES		NO						
L0001669	0	0.75390E-07	480092.1	3774189.4	356.0	3.49	6.51	3.25
YES		NO						
L0001670	0	0.75390E-07	480106.1	3774188.2	356.2	3.49	6.51	3.25
YES		NO						
L0001671	0	0.75390E-07	480120.0	3774186.9	356.7	3.49	6.51	3.25
YES		NO						
L0001672	0	0.75390E-07	480134.0	3774185.6	357.0	3.49	6.51	3.25
YES		NO						
L0001673	0	0.75390E-07	480147.9	3774184.3	357.0	3.49	6.51	3.25
YES		NO						
L0001674	0	0.75390E-07	480161.9	3774183.0	357.0	3.49	6.51	3.25
YES		NO						
L0001675	0	0.75390E-07	480175.8	3774181.8	357.0	3.49	6.51	3.25
YES		NO						
L0001676	0	0.75390E-07	480189.7	3774180.5	357.0	3.49	6.51	3.25
YES		NO						
L0001677	0	0.75390E-07	480203.7	3774179.2	357.5	3.49	6.51	3.25
YES		NO						
L0001678	0	0.75390E-07	480217.6	3774178.0	357.9	3.49	6.51	3.25
YES		NO						
L0001679	0	0.75390E-07	480231.6	3774176.9	358.0	3.49	6.51	3.25
YES		NO						
L0001680	0	0.75390E-07	480245.5	3774175.8	358.0	3.49	6.51	3.25
YES		NO						
L0001681	0	0.75390E-07	480259.5	3774174.8	358.0	3.49	6.51	3.25
YES		NO						
L0001682	0	0.75390E-07	480273.5	3774173.7	358.0	3.49	6.51	3.25
YES		NO						
L0001683	0	0.75390E-07	480287.4	3774172.6	358.2	3.49	6.51	3.25
YES		NO						
L0001684	0	0.75390E-07	480301.4	3774171.5	358.7	3.49	6.51	3.25
YES		NO						
L0001685	0	0.75390E-07	480315.3	3774170.4	359.0	3.49	6.51	3.25
YES		NO						
L0001686	0	0.75390E-07	480329.3	3774169.4	359.0	3.49	6.51	3.25
YES		NO						
L0001687	0	0.75390E-07	480343.3	3774168.3	359.0	3.49	6.51	3.25
YES		NO						
L0001688	0	0.75390E-07	480357.2	3774167.2	359.0	3.49	6.51	3.25
YES		NO						
L0001689	0	0.75390E-07	480371.2	3774166.1	359.0	3.49	6.51	3.25
YES		NO						
L0001690	0	0.75390E-07	480385.1	3774165.0	359.0	3.49	6.51	3.25
YES		NO						
L0001691	0	0.75390E-07	480399.1	3774164.0	359.0	3.49	6.51	3.25
YES		NO						

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 L0001692         0   0.75390E-07  480413.0 3774162.9   359.4     3.49     6.51     3.25
 YES                    NO
 L0001693         0   0.75390E-07  480427.0 3774161.8   359.9     3.49     6.51     3.25
 YES                    NO
 L0001694         0   0.75390E-07  480441.0 3774160.7   360.0     3.49     6.51     3.25
 YES                    NO
 L0001695         0   0.75390E-07  480454.9 3774159.7   360.0     3.49     6.51     3.25
 YES                    NO
 L0001696         0   0.75390E-07  480468.9 3774158.6   360.0     3.49     6.51     3.25
 YES                    NO
 L0001697         0   0.75390E-07  480482.8 3774157.5   360.0     3.49     6.51     3.25
 YES                    NO
 L0001698         0   0.75390E-07  480496.8 3774156.4   360.2     3.49     6.51     3.25
 YES                    NO
 L0001699         0   0.75390E-07  480510.8 3774155.3   360.7     3.49     6.51     3.25
 YES                    NO
 L0001700         0   0.75390E-07  480524.7 3774154.3   361.0     3.49     6.51     3.25
 YES                    NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        02/03/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        14:26:20

                     PAGE  21
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE   AIRCRAFT
   SOURCE      PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
   SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
     (METERS)             BY
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 L0001701         0   0.75390E-07  480538.7 3774153.2   361.0     3.49     6.51     3.25
 YES                    NO
 L0001702         0   0.75390E-07  480552.6 3774152.1   361.1     3.49     6.51     3.25
 YES                    NO
 L0001703         0   0.75390E-07  480566.6 3774151.0   361.6     3.49     6.51     3.25
 YES                    NO
 L0001704         0   0.75390E-07  480580.5 3774149.9   362.0     3.49     6.51     3.25
 YES                    NO
 L0001705         0   0.75390E-07  480594.5 3774148.9   362.0     3.49     6.51     3.25
 YES                    NO
 L0001706         0   0.75390E-07  480608.5 3774147.8   362.0     3.49     6.51     3.25
 YES                    NO
 L0001707         0   0.75390E-07  480622.4 3774146.7   362.0     3.49     6.51     3.25
 YES                    NO
 L0001708         0   0.75390E-07  480636.4 3774145.6   362.0     3.49     6.51     3.25
 YES                    NO
 L0001709         0   0.75390E-07  480650.3 3774144.6   362.2     3.49     6.51     3.25
 YES                    NO
 L0001710         0   0.75390E-07  480664.3 3774143.5   362.6     3.49     6.51     3.25
 YES                    NO
 L0001711         0   0.75390E-07  480678.3 3774142.4   362.9     3.49     6.51     3.25
 YES                    NO
 L0001712         0   0.75390E-07  480692.2 3774141.3   363.0     3.49     6.51     3.25
 YES                    NO
 L0001713         0   0.75390E-07  480706.2 3774140.2   363.0     3.49     6.51     3.25
 YES                    NO
 L0001714         0   0.75390E-07  480720.1 3774139.2   363.0     3.49     6.51     3.25
 YES                    NO
```

L0001715	0	0.75390E-07	480734.1	3774138.1	363.1	3.49	6.51	3.25
YES		NO						
L0001716	0	0.63160E-07	480749.0	3774137.6	363.6	3.49	6.51	3.25
YES		NO						
L0001717	0	0.63160E-07	480763.0	3774136.3	364.0	3.49	6.51	3.25
YES		NO						
L0001718	0	0.63160E-07	480776.9	3774135.1	364.0	3.49	6.51	3.25
YES		NO						
L0001719	0	0.63160E-07	480790.9	3774133.8	364.0	3.49	6.51	3.25
YES		NO						
L0001720	0	0.63160E-07	480804.8	3774132.6	364.0	3.49	6.51	3.25
YES		NO						
L0001721	0	0.63160E-07	480818.8	3774131.3	364.0	3.49	6.51	3.25
YES		NO						
L0001722	0	0.63160E-07	480832.7	3774130.1	364.1	3.49	6.51	3.25
YES		NO						
L0001723	0	0.63160E-07	480846.6	3774128.8	364.2	3.49	6.51	3.25
YES		NO						
L0001724	0	0.63160E-07	480860.6	3774127.6	364.5	3.49	6.51	3.25
YES		NO						
L0001725	0	0.63160E-07	480874.5	3774126.3	364.9	3.49	6.51	3.25
YES		NO						
L0001726	0	0.63160E-07	480888.5	3774125.0	365.0	3.49	6.51	3.25
YES		NO						
L0001727	0	0.63160E-07	480902.4	3774123.8	365.0	3.49	6.51	3.25
YES		NO						
L0001728	0	0.63160E-07	480916.4	3774122.5	365.0	3.49	6.51	3.25
YES		NO						
L0001729	0	0.63160E-07	480930.3	3774121.3	365.0	3.49	6.51	3.25
YES		NO						
L0001730	0	0.63160E-07	480944.3	3774120.0	365.2	3.49	6.51	3.25
YES		NO						
L0001731	0	0.63160E-07	480958.2	3774118.9	365.6	3.49	6.51	3.25
YES		NO						
L0001732	0	0.63160E-07	480972.2	3774117.8	366.0	3.49	6.51	3.25
YES		NO						
L0001733	0	0.63160E-07	480986.1	3774116.8	366.0	3.49	6.51	3.25
YES		NO						
L0001734	0	0.63160E-07	481000.1	3774115.7	366.0	3.49	6.51	3.25
YES		NO						
L0001735	0	0.63160E-07	481014.1	3774114.7	366.0	3.49	6.51	3.25
YES		NO						
L0001736	0	0.63160E-07	481028.0	3774113.6	366.0	3.49	6.51	3.25
YES		NO						
L0001737	0	0.63160E-07	481042.0	3774112.6	366.4	3.49	6.51	3.25
YES		NO						
L0001738	0	0.63160E-07	481055.9	3774111.5	366.9	3.49	6.51	3.25
YES		NO						
L0001739	0	0.63160E-07	481069.9	3774110.5	367.0	3.49	6.51	3.25
YES		NO						
L0001740	0	0.63160E-07	481083.9	3774109.4	367.0	3.49	6.51	3.25
YES		NO						

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER URBAN PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X	Y	BASE ELEV.	RELEASE HEIGHT	INIT. SY	INIT. SZ

SOURCE ID	SCALAR VARY CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	VARY BY
L0001741	0	0.63160E-07	481097.8	3774108.4	367.0	3.49	6.51	3.25	
YES									NO
L0001742	0	0.63160E-07	481111.8	3774107.4	367.0	3.49	6.51	3.25	
YES									NO
L0001743	0	0.63160E-07	481125.7	3774106.3	367.2	3.49	6.51	3.25	
YES									NO
L0001744	0	0.63160E-07	481139.7	3774105.3	367.7	3.49	6.51	3.25	
YES									NO
L0001745	0	0.63160E-07	481153.7	3774104.9	368.0	3.49	6.51	3.25	
YES									NO
L0001746	0	0.63160E-07	481167.6	3774106.1	368.0	3.49	6.51	3.25	
YES									NO
L0001747	0	0.63160E-07	481181.6	3774107.2	368.0	3.49	6.51	3.25	
YES									NO
L0001748	0	0.63160E-07	481195.5	3774108.3	368.0	3.49	6.51	3.25	
YES									NO
L0001749	0	0.63160E-07	481209.5	3774109.4	368.0	3.49	6.51	3.25	
YES									NO
L0001750	0	0.63160E-07	481223.4	3774110.6	368.4	3.49	6.51	3.25	
YES									NO
L0001751	0	0.63160E-07	481237.4	3774111.6	368.9	3.49	6.51	3.25	
YES									NO
L0001752	0	0.63160E-07	481251.4	3774112.6	369.0	3.49	6.51	3.25	
YES									NO
L0001753	0	0.63160E-07	481265.3	3774113.5	369.0	3.49	6.51	3.25	
YES									NO
L0001754	0	0.63160E-07	481279.3	3774114.5	369.0	3.49	6.51	3.25	
YES									NO
L0001755	0	0.63160E-07	481293.3	3774115.5	369.0	3.49	6.51	3.25	
YES									NO
L0001756	0	0.63160E-07	481307.2	3774116.5	369.2	3.49	6.51	3.25	
YES									NO
L0001757	0	0.63160E-07	481321.2	3774117.4	369.7	3.49	6.51	3.25	
YES									NO
L0001758	0	0.63160E-07	481335.2	3774118.4	370.0	3.49	6.51	3.25	
YES									NO
L0001759	0	0.63160E-07	481349.1	3774119.4	370.0	3.49	6.51	3.25	
YES									NO
L0001760	0	0.63160E-07	481363.1	3774120.4	370.0	3.49	6.51	3.25	
YES									NO
L0001761	0	0.63160E-07	481377.1	3774121.4	370.0	3.49	6.51	3.25	
YES									NO
L0001762	0	0.63160E-07	481391.0	3774122.3	370.0	3.49	6.51	3.25	
YES									NO
L0001763	0	0.63160E-07	481405.0	3774123.3	370.5	3.49	6.51	3.25	
YES									NO
L0001764	0	0.63160E-07	481418.9	3774124.3	371.0	3.49	6.51	3.25	
YES									NO
L0001765	0	0.63160E-07	481432.9	3774125.3	371.0	3.49	6.51	3.25	
YES									NO
L0001766	0	0.63160E-07	481446.9	3774126.2	371.0	3.49	6.51	3.25	
YES									NO
L0001767	0	0.63160E-07	481460.8	3774127.2	371.1	3.49	6.51	3.25	
YES									NO
L0001768	0	0.63160E-07	481474.8	3774128.2	371.2	3.49	6.51	3.25	
YES									NO
L0001769	0	0.63160E-07	481488.8	3774129.2	371.5	3.49	6.51	3.25	
YES									NO
L0001770	0	0.63160E-07	481502.7	3774130.1	371.8	3.49	6.51	3.25	
YES									NO

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 L0001771         0   0.63160E-07  481516.7 3774131.4   372.0     3.49     6.51     3.25
 YES                    NO
 L0001772         0   0.63160E-07  481530.6 3774132.6   372.0     3.49     6.51     3.25
 YES                    NO
 L0001773         0   0.63160E-07  481544.6 3774133.8   372.0     3.49     6.51     3.25
 YES                    NO
 L0001774         0   0.63160E-07  481558.5 3774135.0   372.0     3.49     6.51     3.25
 YES                    NO
 L0001775         0   0.63160E-07  481572.5 3774136.2   372.1     3.49     6.51     3.25
 YES                    NO
 L0001776         0   0.63160E-07  481586.4 3774137.4   372.6     3.49     6.51     3.25
 YES                    NO
 L0001777         0   0.63160E-07  481600.4 3774138.6   373.0     3.49     6.51     3.25
 YES                    NO
 L0001778         0   0.63160E-07  481614.3 3774139.8   373.4     3.49     6.51     3.25
 YES                    NO
 L0001779         0   0.63160E-07  481628.3 3774141.0   373.8     3.49     6.51     3.25
 YES                    NO
 L0001780         0   0.63160E-07  481642.2 3774142.2   373.9     3.49     6.51     3.25
 YES                    NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        02/03/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       14:26:20

                     PAGE  23
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.
              URBAN  EMISSION RATE   AIRCRAFT
   SOURCE      PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ
   SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
     (METERS)             BY
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 L0001781         0   0.63160E-07  481656.2 3774143.5   374.0     3.49     6.51     3.25
 YES                    NO
 L0001782         0   0.63160E-07  481670.1 3774144.7   374.0     3.49     6.51     3.25
 YES                    NO
 L0001783         0   0.63160E-07  481684.1 3774145.9   374.0     3.49     6.51     3.25
 YES                    NO
 L0001784         0   0.63160E-07  481698.0 3774147.1   374.2     3.49     6.51     3.25
 YES                    NO
 L0001785         0   0.63160E-07  481712.0 3774148.3   374.4     3.49     6.51     3.25
 YES                    NO
 L0001786         0   0.47000E-08  481727.8 3774151.1   374.6     3.49     6.51     3.25
 YES                    NO
 L0001787         0   0.47000E-08  481741.7 3774152.3   374.9     3.49     6.51     3.25
 YES                    NO
 L0001788         0   0.47000E-08  481755.7 3774153.5   375.0     3.49     6.51     3.25
 YES                    NO
 L0001789         0   0.47000E-08  481769.6 3774154.7   375.0     3.49     6.51     3.25
 YES                    NO
 L0001790         0   0.47000E-08  481783.5 3774155.9   375.0     3.49     6.51     3.25
 YES                    NO
 L0001791         0   0.47000E-08  481797.5 3774157.1   375.2     3.49     6.51     3.25
 YES                    NO
 L0001792         0   0.47000E-08  481811.4 3774158.3   375.3     3.49     6.51     3.25
 YES                    NO
 L0001793         0   0.47000E-08  481825.4 3774159.5   375.6     3.49     6.51     3.25
 YES                    NO
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L0001794	0	0.47000E-08	481839.3	3774160.7	376.0	3.49	6.51	3.25
YES		NO						
L0001795	0	0.47000E-08	481853.3	3774161.9	376.0	3.49	6.51	3.25
YES		NO						
L0001796	0	0.47000E-08	481867.2	3774163.0	376.0	3.49	6.51	3.25
YES		NO						
L0001797	0	0.47000E-08	481881.2	3774164.2	376.0	3.49	6.51	3.25
YES		NO						
L0001798	0	0.47000E-08	481895.1	3774165.4	376.0	3.49	6.51	3.25
YES		NO						
L0001799	0	0.47000E-08	481909.1	3774166.6	376.3	3.49	6.51	3.25
YES		NO						
L0001800	0	0.47000E-08	481923.0	3774167.8	376.7	3.49	6.51	3.25
YES		NO						
L0001801	0	0.47000E-08	481937.0	3774169.0	376.9	3.49	6.51	3.25
YES		NO						
L0001802	0	0.47000E-08	481950.9	3774170.2	377.0	3.49	6.51	3.25
YES		NO						
L0001803	0	0.47000E-08	481964.9	3774171.4	377.0	3.49	6.51	3.25
YES		NO						
L0001804	0	0.47000E-08	481978.8	3774172.6	377.0	3.49	6.51	3.25
YES		NO						
L0001805	0	0.47000E-08	481992.8	3774173.8	377.0	3.49	6.51	3.25
YES		NO						
L0001806	0	0.47000E-08	482006.7	3774175.0	377.0	3.49	6.51	3.25
YES		NO						
L0001807	0	0.47000E-08	482020.7	3774176.2	377.0	3.49	6.51	3.25
YES		NO						
L0001808	0	0.47000E-08	482034.6	3774177.4	377.3	3.49	6.51	3.25
YES		NO						
L0001809	0	0.47000E-08	482048.6	3774178.6	377.6	3.49	6.51	3.25
YES		NO						
L0001810	0	0.47000E-08	482062.5	3774179.8	377.7	3.49	6.51	3.25
YES		NO						
L0001811	0	0.47000E-08	482076.5	3774181.0	377.9	3.49	6.51	3.25
YES		NO						
L0001812	0	0.47000E-08	482090.4	3774182.2	378.0	3.49	6.51	3.25
YES		NO						
L0001813	0	0.47000E-08	482104.4	3774183.4	378.0	3.49	6.51	3.25
YES		NO						
L0001814	0	0.47000E-08	482118.3	3774184.6	378.0	3.49	6.51	3.25
YES		NO						
L0001815	0	0.47000E-08	482132.3	3774185.8	378.0	3.49	6.51	3.25
YES		NO						
L0001816	0	0.47000E-08	482146.2	3774187.0	378.2	3.49	6.51	3.25
YES		NO						
L0001817	0	0.47000E-08	482160.2	3774188.2	378.7	3.49	6.51	3.25
YES		NO						
L0001818	0	0.47000E-08	482174.1	3774189.3	379.0	3.49	6.51	3.25
YES		NO						
L0001819	0	0.47000E-08	482188.1	3774190.5	379.0	3.49	6.51	3.25
YES		NO						
L0001820	0	0.47000E-08	482202.0	3774191.7	379.1	3.49	6.51	3.25
YES		NO						

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

NUMBER	EMISSION RATE	BASE	RELEASE	INIT.	INIT.

SOURCE ID	URBAN SOURCE	EMISSION RATE (GRAMS/SEC)	AIRCRAFT	X (METERS)	Y (METERS)	ELEV. (METERS)	HEIGHT (METERS)	SY (METERS)	SZ (METERS)	SCALAR VARY BY
L0001821	0	0.47000E-08		482216.0	3774192.8	379.5	3.49	6.51	3.25	
YES			NO							
L0001822	0	0.47000E-08		482229.9	3774194.0	380.0	3.49	6.51	3.25	
YES			NO							
L0001823	0	0.47000E-08		482243.9	3774195.1	380.0	3.49	6.51	3.25	
YES			NO							
L0001824	0	0.47000E-08		482257.8	3774196.3	380.0	3.49	6.51	3.25	
YES			NO							
L0001825	0	0.47000E-08		482271.8	3774197.4	380.4	3.49	6.51	3.25	
YES			NO							
L0001826	0	0.47000E-08		482285.7	3774198.6	380.9	3.49	6.51	3.25	
YES			NO							
L0001827	0	0.47000E-08		482299.7	3774199.8	381.0	3.49	6.51	3.25	
YES			NO							
L0001828	0	0.47000E-08		482313.7	3774200.7	381.0	3.49	6.51	3.25	
YES			NO							
L0001829	0	0.47000E-08		482327.6	3774201.6	381.0	3.49	6.51	3.25	
YES			NO							
L0001830	0	0.47000E-08		482341.6	3774202.5	381.0	3.49	6.51	3.25	
YES			NO							
L0001831	0	0.47000E-08		482355.6	3774203.3	381.2	3.49	6.51	3.25	
YES			NO							
L0001832	0	0.47000E-08		482369.5	3774204.2	381.7	3.49	6.51	3.25	
YES			NO							
L0001833	0	0.47000E-08		482383.5	3774205.0	382.0	3.49	6.51	3.25	
YES			NO							
L0001834	0	0.47000E-08		482397.5	3774205.9	382.0	3.49	6.51	3.25	
YES			NO							
L0001835	0	0.47000E-08		482411.5	3774206.8	382.0	3.49	6.51	3.25	
YES			NO							
L0001836	0	0.47000E-08		482425.4	3774207.6	382.0	3.49	6.51	3.25	
YES			NO							
L0001837	0	0.47000E-08		482439.4	3774208.5	382.0	3.49	6.51	3.25	
YES			NO							
L0001838	0	0.47000E-08		482453.4	3774209.4	382.0	3.49	6.51	3.25	
YES			NO							
L0001839	0	0.47000E-08		482467.4	3774209.6	382.0	3.49	6.51	3.25	
YES			NO							
L0001840	0	0.47000E-08		482481.4	3774209.6	382.4	3.49	6.51	3.25	
YES			NO							
L0001841	0	0.47000E-08		482495.4	3774209.6	382.9	3.49	6.51	3.25	
YES			NO							
L0001842	0	0.47000E-08		482509.4	3774209.6	383.0	3.49	6.51	3.25	
YES			NO							
L0001843	0	0.47000E-08		482523.4	3774209.6	383.0	3.49	6.51	3.25	
YES			NO							
L0001844	0	0.47000E-08		482537.4	3774209.6	383.0	3.49	6.51	3.25	
YES			NO							
L0001845	0	0.47000E-08		482551.4	3774209.6	383.0	3.49	6.51	3.25	
YES			NO							
L0001846	0	0.47000E-08		482565.4	3774209.6	383.2	3.49	6.51	3.25	
YES			NO							
L0001847	0	0.47000E-08		482579.4	3774209.6	383.7	3.49	6.51	3.25	
YES			NO							
L0001848	0	0.47000E-08		482593.4	3774209.6	384.0	3.49	6.51	3.25	
YES			NO							
L0001849	0	0.47000E-08		482607.4	3774209.6	384.0	3.49	6.51	3.25	
YES			NO							

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)
L0001850	0	0.47000E-08	482621.4	3774209.6	384.0	3.49	6.51	3.25
YES		NO						
L0001851	0	0.47000E-08	482635.4	3774209.6	384.0	3.49	6.51	3.25
YES		NO						
L0001852	0	0.47000E-08	482649.4	3774209.6	384.0	3.49	6.51	3.25
YES		NO						
L0001853	0	0.47000E-08	482663.4	3774209.6	384.4	3.49	6.51	3.25
YES		NO						
L0001854	0	0.47000E-08	482677.3	3774207.8	384.9	3.49	6.51	3.25
YES		NO						
L0001855	0	0.47000E-08	482691.1	3774206.0	385.0	3.49	6.51	3.25
YES		NO						
L0001856	0	0.47000E-08	482705.0	3774204.1	385.0	3.49	6.51	3.25
YES		NO						
L0001857	0	0.47000E-08	482718.9	3774202.3	385.3	3.49	6.51	3.25
YES		NO						
L0001858	0	0.47000E-08	482732.8	3774200.5	385.8	3.49	6.51	3.25
YES		NO						
L0001859	0	0.47000E-08	482746.7	3774198.6	386.0	3.49	6.51	3.25
YES		NO						
L0001860	0	0.47000E-08	482760.5	3774196.8	386.0	3.49	6.51	3.25
YES		NO						
L0001861	0	0.47000E-08	482774.3	3774194.5	386.2	3.49	6.51	3.25
YES		NO						
L0001862	0	0.47000E-08	482788.1	3774191.9	386.7	3.49	6.51	3.25
YES		NO						
L0001863	0	0.47000E-08	482801.8	3774189.3	387.0	3.49	6.51	3.25
YES		NO						
L0001864	0	0.47000E-08	482815.6	3774186.7	387.0	3.49	6.51	3.25
YES		NO						
L0001865	0	0.47000E-08	482829.4	3774184.1	387.0	3.49	6.51	3.25
YES		NO						
L0001866	0	0.47000E-08	482843.1	3774181.5	387.4	3.49	6.51	3.25
YES		NO						
L0001867	0	0.47000E-08	482856.9	3774178.8	387.9	3.49	6.51	3.25
YES		NO						
L0001868	0	0.47000E-08	482870.6	3774176.1	388.0	3.49	6.51	3.25
YES		NO						
L0001869	0	0.47000E-08	482884.3	3774173.3	388.0	3.49	6.51	3.25
YES		NO						
L0001870	0	0.47000E-08	482898.0	3774170.6	388.2	3.49	6.51	3.25
YES		NO						
L0001871	0	0.47000E-08	482911.8	3774167.8	388.7	3.49	6.51	3.25
YES		NO						
L0001872	0	0.75320E-08	480741.6	3774119.2	363.4	3.49	6.51	3.25
YES		NO						

L0001873	0	0.75320E-08	480741.5	3774105.2	363.4	3.49	6.51	3.25
YES		NO						
L0001874	0	0.75320E-08	480741.4	3774091.2	363.4	3.49	6.51	3.25
YES		NO						
L0001875	0	0.75320E-08	480741.3	3774077.2	363.4	3.49	6.51	3.25
YES		NO						
L0001876	0	0.75320E-08	480741.2	3774063.2	363.7	3.49	6.51	3.25
YES		NO						
L0001877	0	0.75320E-08	480741.2	3774049.2	363.9	3.49	6.51	3.25
YES		NO						
L0001878	0	0.75320E-08	480741.1	3774035.2	364.0	3.49	6.51	3.25
YES		NO						
L0001879	0	0.75320E-08	480741.0	3774021.2	364.0	3.49	6.51	3.25
YES		NO						
L0001880	0	0.75320E-08	480740.9	3774007.2	364.1	3.49	6.51	3.25
YES		NO						
L0001881	0	0.75320E-08	480740.8	3773993.2	364.3	3.49	6.51	3.25
YES		NO						
L0001882	0	0.75320E-08	480740.7	3773979.2	364.5	3.49	6.51	3.25
YES		NO						
L0001883	0	0.75320E-08	480740.6	3773965.2	364.8	3.49	6.51	3.25
YES		NO						
L0001884	0	0.75320E-08	480740.6	3773951.2	365.1	3.49	6.51	3.25
YES		NO						
L0001885	0	0.75320E-08	480740.5	3773937.2	365.2	3.49	6.51	3.25
YES		NO						
L0001886	0	0.75320E-08	480740.4	3773923.2	365.4	3.49	6.51	3.25
YES		NO						
L0001887	0	0.75320E-08	480740.3	3773909.2	365.4	3.49	6.51	3.25
YES		NO						
L0001888	0	0.75320E-08	480740.2	3773895.2	365.3	3.49	6.51	3.25
YES		NO						
L0001889	0	0.75320E-08	480740.1	3773881.2	365.3	3.49	6.51	3.25
YES		NO						
L0001890	0	0.75320E-08	480740.1	3773867.2	365.3	3.49	6.51	3.25
YES		NO						
L0001891	0	0.75320E-08	480740.0	3773853.2	365.3	3.49	6.51	3.25
YES		NO						
L0001892	0	0.75320E-08	480739.9	3773839.2	365.3	3.49	6.51	3.25
YES		NO						
L0001893	0	0.75320E-08	480739.8	3773825.2	365.3	3.49	6.51	3.25
YES		NO						
L0001894	0	0.75320E-08	480739.7	3773811.2	365.3	3.49	6.51	3.25
YES		NO						
L0001895	0	0.75320E-08	480739.6	3773797.2	365.3	3.49	6.51	3.25
YES		NO						
L0001896	0	0.75320E-08	480739.5	3773783.2	365.3	3.49	6.51	3.25
YES		NO						
L0001897	0	0.75320E-08	480739.6	3773769.2	365.3	3.49	6.51	3.25
YES		NO						
L0001898	0	0.75320E-08	480739.9	3773755.2	365.3	3.49	6.51	3.25
YES		NO						
L0001899	0	0.75320E-08	480740.2	3773741.2	365.3	3.49	6.51	3.25
YES		NO						
L0001900	0	0.75320E-08	480740.5	3773727.2	365.4	3.49	6.51	3.25
YES		NO						

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN PART.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	SOURCE SCALAR VARY CATS.	SOURCE SCALAR VARY BY
L0001901	0	0.75320E-08	480740.8	3773713.2	365.4	3.49	6.51	3.25	YES	NO
L0001902	0	0.75320E-08	480741.1	3773699.2	365.4	3.49	6.51	3.25	YES	NO
L0001903	0	0.75320E-08	480741.4	3773685.2	365.4	3.49	6.51	3.25	YES	NO
L0001904	0	0.75320E-08	480741.7	3773671.2	365.4	3.49	6.51	3.25	YES	NO
L0001905	0	0.75320E-08	480742.0	3773657.2	365.4	3.49	6.51	3.25	YES	NO
L0001906	0	0.75320E-08	480742.2	3773643.2	365.4	3.49	6.51	3.25	YES	NO
L0001907	0	0.75320E-08	480742.5	3773629.2	365.4	3.49	6.51	3.25	YES	NO
L0001908	0	0.75320E-08	480742.8	3773615.2	365.1	3.49	6.51	3.25	YES	NO
L0001909	0	0.75320E-08	480743.1	3773601.2	364.6	3.49	6.51	3.25	YES	NO
L0001910	0	0.75320E-08	480743.4	3773587.2	364.3	3.49	6.51	3.25	YES	NO
L0001911	0	0.75320E-08	480743.7	3773573.2	364.1	3.49	6.51	3.25	YES	NO
L0001912	0	0.75320E-08	480744.0	3773559.3	363.9	3.49	6.51	3.25	YES	NO
L0001913	0	0.75320E-08	480744.3	3773545.3	363.6	3.49	6.51	3.25	YES	NO
L0001914	0	0.75320E-08	480744.5	3773531.3	363.4	3.49	6.51	3.25	YES	NO
L0001915	0	0.75320E-08	480744.8	3773517.3	363.2	3.49	6.51	3.25	YES	NO
L0001916	0	0.75320E-08	480745.1	3773503.3	362.9	3.49	6.51	3.25	YES	NO
L0001917	0	0.75320E-08	480745.4	3773489.3	362.7	3.49	6.51	3.25	YES	NO
L0001918	0	0.75320E-08	480745.7	3773475.3	362.5	3.49	6.51	3.25	YES	NO
L0001919	0	0.46900E-08	480742.5	3774155.2	363.2	3.49	6.51	3.25	YES	NO
L0001920	0	0.46900E-08	480742.6	3774169.2	363.0	3.49	6.51	3.25	YES	NO
L0001921	0	0.46900E-08	480742.7	3774183.2	363.0	3.49	6.51	3.25	YES	NO
L0001922	0	0.46900E-08	480742.8	3774197.2	363.0	3.49	6.51	3.25	YES	NO
L0001923	0	0.46900E-08	480742.9	3774211.2	363.0	3.49	6.51	3.25	YES	NO
L0001924	0	0.46900E-08	480742.9	3774225.2	363.0	3.49	6.51	3.25	YES	NO
L0001925	0	0.46900E-08	480743.0	3774239.2	363.0	3.49	6.51	3.25	YES	NO
L0001926	0	0.46900E-08	480743.1	3774253.2	363.0	3.49	6.51	3.25	YES	NO
L0001927	0	0.46900E-08	480743.2	3774267.2	363.0	3.49	6.51	3.25	YES	NO
L0001928	0	0.46900E-08	480743.3	3774281.2	363.0	3.49	6.51	3.25	YES	NO

L0001929 0 0.46900E-08 480743.3 3774295.2 363.0 3.49 6.51 3.25
YES NO
L0001930 0 0.46900E-08 480743.4 3774309.2 363.0 3.49 6.51 3.25
YES NO
L0001931 0 0.46900E-08 480743.5 3774323.2 363.0 3.49 6.51 3.25
YES NO
L0001932 0 0.46900E-08 480743.6 3774337.2 363.0 3.49 6.51 3.25
YES NO
L0001933 0 0.46900E-08 480743.7 3774351.2 363.0 3.49 6.51 3.25
YES NO
L0001934 0 0.46900E-08 480743.7 3774365.2 363.0 3.49 6.51 3.25
YES NO
L0001935 0 0.46900E-08 480743.8 3774379.2 363.0 3.49 6.51 3.25
YES NO
L0001936 0 0.46900E-08 480744.0 3774393.2 363.0 3.49 6.51 3.25
YES NO
L0001937 0 0.46900E-08 480744.1 3774407.2 363.0 3.49 6.51 3.25
YES NO
L0001938 0 0.46900E-08 480744.2 3774421.2 363.0 3.49 6.51 3.25
YES NO
L0001939 0 0.46900E-08 480744.3 3774435.2 363.0 3.49 6.51 3.25
YES NO
L0001940 0 0.46900E-08 480744.4 3774449.2 363.0 3.49 6.51 3.25
YES NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER URBAN SOURCE PART.	EMISSION RATE (GRAMS/SEC) SCALAR VARY BY	AIRCRAFT CATS.	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ
L0001941	0	0.46900E-08		480744.5	3774463.2	363.0	3.49	6.51	3.25
YES		NO							
L0001942	0	0.46900E-08		480744.6	3774477.2	363.2	3.49	6.51	3.25
YES		NO							
L0001943	0	0.46900E-08		480744.7	3774491.2	363.4	3.49	6.51	3.25
YES		NO							
L0001944	0	0.46900E-08		480744.8	3774505.2	363.5	3.49	6.51	3.25
YES		NO							
L0001945	0	0.46900E-08		480745.0	3774519.2	363.5	3.49	6.51	3.25
YES		NO							
L0001946	0	0.46900E-08		480745.1	3774533.2	363.5	3.49	6.51	3.25
YES		NO							
L0001947	0	0.46900E-08		480745.2	3774547.2	363.5	3.49	6.51	3.25
YES		NO							
L0001948	0	0.46900E-08		480745.3	3774561.2	363.6	3.49	6.51	3.25
YES		NO							
L0001949	0	0.46900E-08		480745.4	3774575.2	363.8	3.49	6.51	3.25
YES		NO							
L0001950	0	0.46900E-08		480745.5	3774589.2	364.0	3.49	6.51	3.25
YES		NO							
L0001951	0	0.46900E-08		480745.6	3774603.2	364.0	3.49	6.51	3.25
YES		NO							

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 L0001952         0   0.46900E-08  480745.7 3774617.2   364.0     3.49     6.51     3.25
 YES                    NO
 L0001953         0   0.46900E-08  480745.9 3774631.2   364.0     3.49     6.51     3.25
 YES                    NO
 L0001954         0   0.46900E-08  480746.1 3774645.2   364.0     3.49     6.51     3.25
 YES                    NO
 L0001955         0   0.46900E-08  480746.2 3774659.2   364.0     3.49     6.51     3.25
 YES                    NO
 L0001956         0   0.46900E-08  480746.4 3774673.1   364.0     3.49     6.51     3.25
 YES                    NO
 L0001957         0   0.46900E-08  480746.5 3774687.1   364.0     3.49     6.51     3.25
 YES                    NO
 L0001958         0   0.46900E-08  480746.7 3774701.1   364.0     3.49     6.51     3.25
 YES                    NO
 L0001959         0   0.46900E-08  480746.8 3774715.1   364.0     3.49     6.51     3.25
 YES                    NO
 L0001960         0   0.46900E-08  480747.0 3774729.1   364.0     3.49     6.51     3.25
 YES                    NO
 VOL1             0   0.00000E+00  477661.3 3774242.4   337.0     5.00    12.57     1.40
 YES   HRDOW             NO
 VOL2             0   0.00000E+00  477716.5 3774243.7   337.0     5.00    12.57     1.40
 YES   HRDOW             NO
 VOL3             0   0.00000E+00  477770.7 3774244.9   338.0     5.00    12.57     1.40
 YES   HRDOW             NO
 VOL4             0   0.00000E+00  477824.9 3774246.0   338.0     5.00    12.57     1.40
 YES   HRDOW             NO
 VOL5             0   0.00000E+00  477878.7 3774247.2   338.7     5.00    12.57     1.40
 YES   HRDOW             NO
 VOL6             0   0.00000E+00  477932.6 3774249.5   339.0     5.00    12.57     1.40
 YES   HRDOW             NO
 VOL7             0   0.00000E+00  477986.4 3774250.2   339.6     5.00    12.57     1.40
 YES   HRDOW             NO
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        02/03/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        14:26:20

                     PAGE  28
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                        *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

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*** SOURCE IDs DEFINING SOURCE GROUPS ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID SOURCE IDs

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*** SOURCE IDs DEFINING SOURCE GROUPS ***

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*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

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FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and Sterling\14057 Op *** 02/03/24
*** AERMET - VERSION 16216 ***
*** *** 14:26:20

PAGE 34
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

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VOL4 , VOL5 , VOL6 , VOL7 ,
FF *** AERMOD - VERSION 23132 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and Sterling\14057 Op *** 02/03/24
*** AERMET - VERSION 16216 ***
*** *** 14:26:20

PAGE 35
*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

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*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

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*** SOURCE IDs DEFINED AS URBAN SOURCES ***

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		L0001525 , L0001526 , L0001527 , L0001528 , L0001529 , L0001530 , L0001531 , L0001532 ,
		L0001533 , L0001534 , L0001535 , L0001536 , L0001537 , L0001538 , L0001539 , L0001540 ,
		L0001541 , L0001542 , L0001543 , L0001544 , L0001545 , L0001546 , L0001547 , L0001548 ,
		L0001549 , L0001550 , L0001551 , L0001552 , L0001553 , L0001554 , L0001555 , L0001556 ,
		L0001557 , L0001558 , L0001559 , L0001560 , L0001561 , L0001562 , L0001563 , L0001564 ,
		L0001565 , L0001566 , L0001567 , L0001568 , L0001569 , L0001570 , L0001571 , L0001572 ,
		L0001573 , L0001574 , L0001575 , L0001576 , L0001577 , L0001578 , L0001579 , L0001580 ,
		L0001581 , L0001582 , L0001583 , L0001584 , L0001585 , L0001586 , L0001587 , L0001588 ,
		L0001589 , L0001590 , L0001591 , L0001592 , L0001593 , L0001594 , L0001595 , L0001596 ,
		L0001597 , L0001598 , L0001599 , L0001600 , L0001601 , L0001602 , L0001603 , L0001604 ,

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

L0001621 , L0001622 , L0001623 , L0001624 , L0001625 , L0001626 ,
L0001627 , L0001628 ,

L0001629 , L0001630 , L0001631 , L0001632 , L0001633 , L0001634 ,
L0001635 , L0001636 ,

L0001637 , L0001638 , L0001639 , L0001640 , L0001641 , L0001642 ,
L0001643 , L0001644 ,

L0001645 , L0001646 , L0001647 , L0001648 , L0001649 , L0001650 ,
L0001651 , L0001652 ,

L0001653 , L0001654 , L0001655 , L0001656 , L0001657 , L0001658 ,
L0001659 , L0001660 ,

L0001661 , L0001662 , L0001663 , L0001664 , L0001665 , L0001666 ,
L0001667 , L0001668 ,

L0001669 , L0001670 , L0001671 , L0001672 , L0001673 , L0001674 ,
L0001675 , L0001676 ,

L0001677 , L0001678 , L0001679 , L0001680 , L0001681 , L0001682 ,
L0001683 , L0001684 ,

L0001685 , L0001686 , L0001687 , L0001688 , L0001689 , L0001690 ,
L0001691 , L0001692 ,

L0001693 , L0001694 , L0001695 , L0001696 , L0001697 , L0001698 ,
L0001699 , L0001700 ,

L0001701 , L0001702 , L0001703 , L0001704 , L0001705 , L0001706 ,
L0001707 , L0001708 ,

L0001709 , L0001710 , L0001711 , L0001712 , L0001713 , L0001714 ,
L0001715 , L0001716 ,

L0001717 , L0001718 , L0001719 , L0001720 , L0001721 , L0001722 ,
L0001723 , L0001724 ,

L0001725 , L0001726 , L0001727 , L0001728 , L0001729 , L0001730 ,
L0001731 , L0001732 ,

L0001733 , L0001734 , L0001735 , L0001736 , L0001737 , L0001738 ,
L0001739 , L0001740 ,

L0001741 , L0001742 , L0001743 , L0001744 , L0001745 , L0001746 ,
L0001747 , L0001748 ,

L0001749 , L0001750 , L0001751 , L0001752 , L0001753 , L0001754 ,
L0001755 , L0001756 ,

L0001757 , L0001758 , L0001759 , L0001760 , L0001761 , L0001762 ,
L0001763 , L0001764 ,

L0001765 , L0001766 , L0001767 , L0001768 , L0001769 , L0001770 ,
L0001771 , L0001772 ,

L0001773 , L0001774 , L0001775 , L0001776 , L0001777 , L0001778 ,
L0001779 , L0001780 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

L0001781 , L0001782 , L0001783 , L0001784 , L0001785 , L0001786 ,
L0001787 , L0001788 ,

L0001789 , L0001790 , L0001791 , L0001792 , L0001793 , L0001794 ,
L0001795 , L0001796 ,

L0001797 , L0001798 , L0001799 , L0001800 , L0001801 , L0001802 ,
L0001803 , L0001804 ,

L0001805 , L0001806 , L0001807 , L0001808 , L0001809 , L0001810 ,
L0001811 , L0001812 ,

L0001813 , L0001814 , L0001815 , L0001816 , L0001817 , L0001818 ,
L0001819 , L0001820 ,

L0001821 , L0001822 , L0001823 , L0001824 , L0001825 , L0001826 ,
L0001827 , L0001828 ,

L0001829 , L0001830 , L0001831 , L0001832 , L0001833 , L0001834 ,
L0001835 , L0001836 ,

L0001837 , L0001838 , L0001839 , L0001840 , L0001841 , L0001842 ,
L0001843 , L0001844 ,

L0001845 , L0001846 , L0001847 , L0001848 , L0001849 , L0001850 ,
L0001851 , L0001852 ,

L0001853 , L0001854 , L0001855 , L0001856 , L0001857 , L0001858 ,
L0001859 , L0001860 ,

L0001861 , L0001862 , L0001863 , L0001864 , L0001865 , L0001866 ,
L0001867 , L0001868 ,

L0001869 , L0001870 , L0001871 , L0001872 , L0001873 , L0001874 ,
L0001875 , L0001876 ,

L0001877 , L0001878 , L0001879 , L0001880 , L0001881 , L0001882 ,

```
            L0001883    , L0001884    ,

            L0001885    , L0001886    , L0001887    , L0001888    , L0001889    , L0001890    ,
            L0001891    , L0001892    ,

            L0001893    , L0001894    , L0001895    , L0001896    , L0001897    , L0001898    ,
            L0001899    , L0001900    ,

            L0001901    , L0001902    , L0001903    , L0001904    , L0001905    , L0001906    ,
            L0001907    , L0001908    ,

            L0001909    , L0001910    , L0001911    , L0001912    , L0001913    , L0001914    ,
            L0001915    , L0001916    ,

            L0001917    , L0001918    , L0001919    , L0001920    , L0001921    , L0001922    ,
            L0001923    , L0001924    ,

            L0001925    , L0001926    , L0001927    , L0001928    , L0001929    , L0001930    ,
            L0001931    , L0001932    ,

            L0001933    , L0001934    , L0001935    , L0001936    , L0001937    , L0001938    ,
            L0001939    , L0001940    ,
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        02/03/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        14:26:20

                     PAGE  41
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                        *** SOURCE IDs DEFINED AS URBAN SOURCES ***

  URBAN ID   URBAN POP                                  SOURCE IDs
  --------   ---------                                  ----------


            L0001941    , L0001942    , L0001943    , L0001944    , L0001945    , L0001946    ,
            L0001947    , L0001948    ,

            L0001949    , L0001950    , L0001951    , L0001952    , L0001953    , L0001954    ,
            L0001955    , L0001956    ,

            L0001957    , L0001958    , L0001959    , L0001960    , STCK1       , VOL1        ,
            VOL2        , VOL3        ,

            VOL4        , VOL5        , VOL6        , VOL7        ,
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        02/03/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        14:26:20

                     PAGE  42
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL1         ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
```

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        02/03/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        14:26:20

                      PAGE  43
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL2         ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        02/03/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        14:26:20

                      PAGE  44
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *
```

```
 SOURCE ID = VOL3         ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        02/03/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        14:26:20

                      PAGE  45
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                   (HRDOW) *

 SOURCE ID = VOL4         ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        02/03/24
 *** AERMET - VERSION  16216 ***
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL5 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL6 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6			

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL7 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = STCK1 ; SOURCE TYPE = POINT :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = MONDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = TUESDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .1000E+01 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = WEDNESDY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = THURSDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = FRIDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(477503.0, 3774328.7, 336.0, 336.0, 0.0); (477503.6, 3774366.3, 336.0, 336.0, 0.0);
(477505.8, 3774423.1, 336.0, 336.0, 0.0); (477480.9, 3774424.7, 336.0, 336.0, 0.0);
(477452.5, 3774421.9, 336.0, 336.0, 0.0); (477428.0, 3774421.9, 336.0, 336.0, 0.0);
(477410.8, 3774421.9, 336.0, 336.0, 0.0); (476711.5, 3774443.3, 331.0, 331.0, 0.0);
(476638.7, 3774423.4, 330.0, 330.0, 0.0); (476532.6, 3774423.8, 329.1, 329.1, 0.0);
(476393.7, 3774421.5, 328.0, 328.0, 0.0); (477121.8, 3774215.8, 332.3, 332.3, 0.0);
(477098.1, 3774154.4, 332.0, 332.0, 0.0); (477117.6, 3774134.6,

```
    332.0,     332.0,       0.0);
    ( 477164.5, 3774218.5,     333.4,     333.4,       0.0);         ( 477166.1, 3774306.9,
    333.8,     333.8,       0.0);
    ( 476586.0, 3774180.6,     329.4,     329.4,       0.0);         ( 476555.9, 3774222.3,
    329.0,     329.0,       0.0);
    ( 476468.9, 3774177.0,     328.0,     328.0,       0.0);         ( 476389.5, 3774215.9,
    328.0,     328.0,       0.0);
    ( 476189.5, 3774218.6,     326.9,     326.9,       0.0);         ( 476083.3, 3774180.4,
    326.0,     326.0,       0.0);
    ( 478077.0, 3774359.4,     340.0,     340.0,       0.0);         ( 478134.1, 3774332.4,
    341.0,     341.0,       0.0);
    ( 478133.5, 3774380.4,     341.0,     341.0,       0.0);         ( 478150.1, 3774391.9,
    341.0,     341.0,       0.0);
    ( 477984.3, 3774451.7,     340.0,     340.0,       0.0);         ( 478108.7, 3774449.6,
    340.8,     340.8,       0.0);
    ( 478150.0, 3774480.3,     341.0,     341.0,       0.0);         ( 478206.9, 3774442.6,
    341.2,     341.2,       0.0);
    ( 478242.5, 3774430.6,     342.0,     342.0,       0.0);         ( 478346.3, 3774432.7,
    342.6,     342.6,       0.0);
    ( 478348.2, 3774385.6,     342.6,     342.6,       0.0);         ( 478350.8, 3774489.9,
    342.7,     342.7,       0.0);
    ( 478310.0, 3774485.2,     342.0,     342.0,       0.0);         ( 477488.5, 3774529.5,
    336.0,     336.0,       0.0);
    ( 477583.3, 3774571.7,     337.0,     337.0,       0.0);         ( 477607.6, 3774622.3,
    337.0,     337.0,       0.0);
    ( 477734.1, 3774622.9,     338.0,     338.0,       0.0);         ( 477919.9, 3774622.3,
    339.3,     339.3,       0.0);
    ( 477724.7, 3773945.7,     337.0,     337.0,       0.0);         ( 478134.3, 3774173.7,
    340.6,     340.6,       0.0);
    ( 478243.0, 3773918.1,     341.1,     341.1,       0.0);         ( 478266.4, 3774154.7,
    342.0,     342.0,       0.0);
    ( 478256.6, 3774234.5,     342.0,     342.0,       0.0);         ( 478344.7, 3774236.1,
    342.0,     342.0,       0.0);
    ( 478438.7, 3774231.4,     343.0,     343.0,       0.0);         ( 478366.2, 3774189.5,
    342.0,     342.0,       0.0);
    ( 479160.7, 3774261.8,     349.0,     349.0,       0.0);         ( 479239.6, 3774223.9,
    349.3,     349.3,       0.0);
    ( 479387.2, 3774230.3,     350.2,     350.2,       0.0);         ( 479746.6, 3774221.2,
    353.2,     353.2,       0.0);
    ( 480161.8, 3774208.6,     357.0,     357.0,       0.0);         ( 480252.7, 3774201.1,
    358.0,     358.0,       0.0);
    ( 480281.2, 3774152.8,     358.0,     358.0,       0.0);         ( 480763.6, 3774447.3,
    363.1,     363.1,       0.0);
    ( 480762.3, 3774719.1,     364.0,     364.0,       0.0);         ( 480720.1, 3774751.3,
    364.0,     364.0,       0.0);
    ( 480667.6, 3774695.8,     363.0,     363.0,       0.0);         ( 479743.0, 3774618.0,
    355.0,     355.0,       0.0);
    ( 479927.3, 3774618.0,     356.0,     356.0,       0.0);         ( 479754.0, 3774708.8,
    355.0,     355.0,       0.0);
    ( 478276.8, 3774298.5,     342.0,     342.0,
    0.0);
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        02/03/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       14:26:20

                     PAGE  51
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                          *** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
                                                      (1=YES; 0=NO)

          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1   1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
          1   1 1 1 1 1 1 1 1 1 1
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1 1 1

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 91.    9.1  284.0    5.5
 12 01 01   1 08   -4.0  0.102 -9.000 -9.000 -999.   78.     22.9  0.32   3.22   0.54    0.90
 107.    9.1  285.0    5.5
 12 01 01   1 09   44.6  0.237  0.382  0.006   43.  276.    -25.6  0.15   3.22   0.33    2.10
 81.   10.1  289.1    5.5
 12 01 01   1 10  134.3  0.111  0.882  0.008  176.   99.     -1.0  0.32   3.22   0.26    0.40
 72.    9.1  295.1    5.5
 12 01 01   1 11  199.8  0.409  1.429  0.005  503.  627.    -29.4  0.15   3.22   0.23    3.68
 78.   10.1  297.9    5.5
 12 01 01   1 12  232.3  0.300  1.889  0.005  999.  402.    -10.0  0.32   3.22   0.22    1.80
 333.    9.1  299.4    5.5
 12 01 01   1 13  230.0  0.300  2.134  0.005 1453.  394.    -10.1  0.32   3.22   0.22    1.80
 72.    9.1  300.4    5.5
 12 01 01   1 14  194.0  0.294  2.109  0.005 1663.  382.    -11.2  0.32   3.22   0.24    1.80
 277.    9.1  301.0    5.5
 12 01 01   1 15  126.3  0.378  1.872  0.005 1784.  557.    -36.5  0.32   3.22   0.27    2.70
 243.    9.1  301.0    5.5
 12 01 01   1 16   39.5  0.199  1.278  0.005 1817.  240.    -17.2  0.32   3.22   0.36    1.30
 274.    9.1  300.1    5.5
 12 01 01   1 17   -4.7  0.101 -9.000 -9.000 -999.   85.     19.0  0.32   3.22   0.65    0.90
 252.    9.1  298.2    5.5
 12 01 01   1 18   -4.9  0.102 -9.000 -9.000 -999.   78.     18.2  0.32   3.22   1.00    0.90
 116.    9.1  296.4    5.5
 12 01 01   1 19  -18.8  0.204 -9.000 -9.000 -999.  220.     45.6  0.15   3.22   1.00    2.27
 79.   10.1  292.2    5.5
 12 01 01   1 20   -5.0  0.102 -9.000 -9.000 -999.   83.     18.1  0.32   3.22   1.00    0.90
 95.    9.1  290.2    5.5
 12 01 01   1 21   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
 99.    9.1  287.8    5.5
 12 01 01   1 22   -5.0  0.102 -9.000 -9.000 -999.   78.     18.0  0.32   3.22   1.00    0.90
 110.    9.1  287.6    5.5
 12 01 01   1 23  -10.6  0.149 -9.000 -9.000 -999.  138.     26.8  0.32   3.22   1.00    1.30
 89.    9.1  287.2    5.5
 12 01 01   1 24   -5.0  0.102 -9.000 -9.000 -999.   78.     17.9  0.32   3.22   1.00    0.90
 105.    9.1  285.9    5.5


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01    5.5 0 -999.  -99.00   285.5   99.0  -99.00  -99.00
 12 01 01 01    9.1 1  110.    1.30  -999.0   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
FF *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14057 5th and
Sterling\14057 Op ***        02/03/24
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        14:26:20

                     PAGE  53
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                           *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR
                           SOURCE GROUP: ALL      ***
                               INCLUDING SOURCE(S):     L0000981    , L0000982    ,
                               L0000983    , L0000984    , L0000985    ,
                 L0000986    , L0000987    , L0000988    , L0000989    , L0000990    ,
                 L0000991    , L0000992    , L0000993    ,
                 L0000994    , L0000995    , L0000996    , L0000997    , L0000998    ,
                 L0000999    , L0001000    , L0001001    ,
                 L0001002    , L0001003    , L0001004    , L0001005    , L0001006    ,
                 L0001007    , L0001008    ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF DPM      IN
                                     MICROGRAMS/M**3                          **
```

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
477503.05	3774328.69	0.00084	477503.65	3774366.33	0.00087
477505.84	3774423.09	0.00072	477480.94	3774424.68	0.00058
477452.46	3774421.89	0.00047	477427.97	3774421.89	0.00040
477410.84	3774421.89	0.00036	476711.54	3774443.29	0.00007
476638.67	3774423.45	0.00006	476532.60	3774423.83	0.00006
476393.73	3774421.54	0.00005	477121.83	3774215.83	0.00022
477098.13	3774154.38	0.00018	477117.60	3774134.57	0.00016
477164.55	3774218.49	0.00023	477166.14	3774306.89	0.00017
476585.96	3774180.60	0.00018	476555.89	3774222.33	0.00013
476468.87	3774176.96	0.00015	476389.46	3774215.90	0.00014
476189.52	3774218.61	0.00013	476083.35	3774180.39	0.00013
478077.01	3774359.40	0.00088	478134.08	3774332.39	0.00074
478133.53	3774380.36	0.00059	478150.07	3774391.93	0.00054
477984.30	3774451.72	0.00061	478108.73	3774449.61	0.00046
478149.98	3774480.31	0.00036	478206.92	3774442.58	0.00036
478242.54	3774430.63	0.00035	478346.35	3774432.74	0.00030
478348.23	3774385.64	0.00030	478350.81	3774489.92	0.00025
478310.03	3774485.23	0.00027	477488.54	3774529.51	0.00036
477583.26	3774571.67	0.00036	477607.58	3774622.27	0.00029
477734.08	3774622.92	0.00032	477919.94	3774622.27	0.00030
477724.68	3773945.66	0.00039	478134.34	3774173.69	0.00101
478243.00	3773918.09	0.00023	478266.38	3774154.67	0.00055
478256.62	3774234.55	0.00076	478344.67	3774236.14	0.00063
478438.69	3774231.36	0.00063	478366.21	3774189.53	0.00083
479160.72	3774261.80	0.00030	479239.60	3774223.95	0.00060
479387.22	3774230.33	0.00048	479746.64	3774221.22	0.00061
480161.85	3774208.57	0.00050	480252.68	3774201.11	0.00049
480281.23	3774152.78	0.00058	480763.59	3774447.32	0.00010
480762.29	3774719.15	0.00007	480720.12	3774751.27	0.00005
480667.57	3774695.80	0.00005	479742.96	3774617.99	0.00007
479927.31	3774617.99	0.00007	479754.05		

3774708.85 0.00006
478276.79 3774298.50
0.00045

*** THE SUMMARY OF MAXIMUM PERIOD (43848 HRS) RESULTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **

NETWORK GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
ALL	1ST HIGHEST VALUE IS	0.00101 AT (478134.34, 3774173.69, 340.61, 340.61, 0.00)	DC	
	2ND HIGHEST VALUE IS	0.00088 AT (478077.01, 3774359.40, 340.00, 340.00, 0.00)	DC	
	3RD HIGHEST VALUE IS	0.00087 AT (477503.65, 3774366.33, 336.00, 336.00, 0.00)	DC	
	4TH HIGHEST VALUE IS	0.00084 AT (477503.05, 3774328.69, 336.00, 336.00, 0.00)	DC	
	5TH HIGHEST VALUE IS	0.00083 AT (478366.21, 3774189.53, 342.00, 342.00, 0.00)	DC	
	6TH HIGHEST VALUE IS	0.00076 AT (478256.62, 3774234.55, 342.00, 342.00, 0.00)	DC	
	7TH HIGHEST VALUE IS	0.00074 AT (478134.08, 3774332.39, 341.00, 341.00, 0.00)	DC	
	8TH HIGHEST VALUE IS	0.00072 AT (477505.84, 3774423.09, 336.00, 336.00, 0.00)	DC	
	9TH HIGHEST VALUE IS	0.00063 AT (478344.67, 3774236.14, 342.00, 342.00, 0.00)	DC	
	10TH HIGHEST VALUE IS	0.00063 AT (478438.69, 3774231.36, 343.00, 343.00, 0.00)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** Message Summary : AERMOD Model Execution ***

--------- Summary of Total Messages --------

A Total of 0 Fatal Error Message(s)
A Total of 10 Warning Message(s)

A Total of   388 Informational Message(s)

A Total of   43848 Hours Were Processed

A Total of   191 Calm Hours Identified

A Total of   197 Missing Hours Identified (0.45 Percent)

******** FATAL ERROR MESSAGES ********
*** NONE ***

******** WARNING MESSAGES ********

SO W320	2265	PPARM: Input Parameter May Be Out-of-Range for Parameter	VS
SO W320	2266	VPARM: Input Parameter May Be Out-of-Range for Parameter	QS
SO W320	2267	VPARM: Input Parameter May Be Out-of-Range for Parameter	QS
SO W320	2268	VPARM: Input Parameter May Be Out-of-Range for Parameter	QS
SO W320	2269	VPARM: Input Parameter May Be Out-of-Range for Parameter	QS
SO W320	2270	VPARM: Input Parameter May Be Out-of-Range for Parameter	QS
SO W320	2271	VPARM: Input Parameter May Be Out-of-Range for Parameter	QS
SO W320	2272	VPARM: Input Parameter May Be Out-of-Range for Parameter	QS
ME W186	2430	MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used	0.50
ME W187	2430	MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET	

****
*** AERMOD Finishes Successfully ***
****

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APPENDIX 2.4:

RISK CALCULATIONS

Construction Risk - Without PDFs

Receptor No.	Age Bin	DPM Conc. ($\mu g/m^3$)	Exposure Frequency (days)	Exposure Duration (years)	Inhalation Rate (L/kg-day)	Inhalation Absorption Factor	Averaging Time (years)	FAH	ASF	Cancer Risk				Non-Cancer Risk								
										URF	CPF	Dose	Risk (per million)	REL	RfD	RESP	CNS/PNS	CV/BL	IMMUN	KIDN	REPRO	EYES
1	0 to 2	0.01848	250	1.93	1090	1	70	1.00	10	3.0E-04	1.1E+00	1.4E-05	3.99	5.0E+00	1.4E-03	3.7E-03						
(MEIR)												Total	3.99			3.7E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2	0 to 2	0.00943	250	1.93	1090	1	70	1.00	10	3.0E-04	1.1E+00	7.0E-06	2.04	5.0E+00	1.4E-03	1.9E-03						
												Total	2.04			1.9E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
3	0 to 2	0.00360	250	1.93	1090	1	70	1.00	10	3.0E-04	1.1E+00	2.7E-06	0.78	5.0E+00	1.4E-03	7.2E-04						
												Total	0.78			7.2E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
4	0 to 2	0.00674	250	1.93	1090	1	70	1.00	10	3.0E-04	1.1E+00	5.0E-06	1.46	5.0E+00	1.4E-03	1.3E-03						
												Total	1.46			1.3E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
5	0 to 2	0.00849	250	1.93	1090	1	70	1.00	10	3.0E-04	1.1E+00	6.3E-06	1.83	5.0E+00	1.4E-03	1.7E-03						
												Total	1.83			1.7E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
6	16 to 41	0.05981	250	1.93	230	1	70	1.00	1	3.0E-04	1.1E+00	9.4E-06	0.27	5.0E+00	1.4E-03	1.2E-02						
(MEIW)												Total	0.27			1.2E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
7	16 to 41	0.01940	250	1.93	230	1	70	1.00	1	3.0E-04	1.1E+00	3.1E-06	0.09	5.0E+00	1.4E-03	3.9E-03						
												Total	0.09			3.9E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
8	4 to 13	0.00037	180	1.93	572	1	70	1.00	3	3.0E-04	1.1E+00	1.0E-07	0.01	5.0E+00	1.4E-03	7.4E-05						
(MEISC)												Total	0.01			7.4E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

Construction Risk - With PDFs

Receptor No.	Age Bin	DPM Conc. ($\mu g/m^3$)	Exposure Frequency (days)	Exposure Duration (years)	Inhalation Rate (L/kg-day)	Inhalation Absorption Factor	Averaging Time (years)	FAH	ASF	Cancer Risk				Non-Cancer Risk								
										URF	CPF	Dose	Risk (per million)	REL	RfD	RESP	CNS/PNS	CV/BL	IMMUN	KIDN	REPRO	EYES
1	0 to 2	0.00237	250	1.93	1090	1	70	1.00	10	3.0E-04	1.1E+00	1.8E-06	0.51	5.0E+00	1.4E-03	4.7E-04						
(MEIR)												Total	0.51			4.7E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2	0 to 2	0.00121	250	1.93	1090	1	70	1.00	10	3.0E-04	1.1E+00	9.0E-07	0.26	5.0E+00	1.4E-03	2.4E-04						
												Total	0.26			2.4E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
3	0 to 2	0.00047	250	1.93	1090	1	70	1.00	10	3.0E-04	1.1E+00	3.5E-07	0.10	5.0E+00	1.4E-03	9.4E-05						
												Total	0.10			9.4E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
4	0 to 2	0.00089	250	1.93	1090	1	70	1.00	10	3.0E-04	1.1E+00	6.6E-07	0.19	5.0E+00	1.4E-03	1.8E-04						
												Total	0.19			1.8E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
5	0 to 2	0.00127	250	1.93	1090	1	70	1.00	10	3.0E-04	1.1E+00	9.5E-07	0.27	5.0E+00	1.4E-03	2.5E-04						
												Total	0.27			2.5E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
6	16 to 41	0.00762	250	1.93	230	1	70	1.00	1	3.0E-04	1.1E+00	1.2E-06	0.03	5.0E+00	1.4E-03	1.5E-03						
												Total	0.03			1.5E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
7	16 to 41	0.00325	250	1.93	230	1	70	1.00	1	3.0E-04	1.1E+00	5.1E-07	0.01	5.0E+00	1.4E-03	6.5E-04						
												Total	0.01			6.5E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
8	4 to 13	0.00005	180	1.93	572	1	70	1.00	3	3.0E-04	1.1E+00	1.4E-08	0.00	5.0E+00	1.4E-03	1.0E-05						
(MEISC)												Total	0.00			1.0E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

Operational Risk

Receptor No.	Age Bin	DPM Conc. ($\mu g/m^3$)	Exposure Frequency (days)	Exposure Duration (years)	Inhalation Rate (L/kg-day)	Inhalation Absorption Factor	Averaging Time (years)	FAH	ASF	Cancer Risk				Non-Cancer Risk								
										URF	CPF	Dose	Risk (per million)	REL	RfD	RESP	CNS/PNS	CV/BL	IMMUN	KIDN	REPRO	EYES
1 (MEIR)	-0.25 to 0	0.00524	350	0.25	361	1	70	0.85	10	3.0E-04	1.1E+00	1.8E-06	0.06	5.0E+00	1.4E-03	1.0E-03						
	0 to 2	0.00524	350	2	1090	1	70	0.85	10	3.0E-04	1.1E+00	5.5E-06	1.40	5.0E+00	1.4E-03	1.0E-03						
	2 to 16	0.00524	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	2.9E-06	1.30	5.0E+00	1.4E-03	1.0E-03						
	16 to 30	0.00524	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	1.3E-06	0.20	5.0E+00	1.4E-03	1.0E-03						
												Total	2.96			4.2E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2	-0.25 to 0	0.00368	350	0.25	361	1	70	0.85	10	3.0E-04	1.1E+00	1.3E-06	0.04	5.0E+00	1.4E-03	7.4E-04						
	0 to 2	0.00368	350	2	1090	1	70	0.85	10	3.0E-04	1.1E+00	3.8E-06	0.98	5.0E+00	1.4E-03	7.4E-04						
	2 to 16	0.00368	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	2.0E-06	0.92	5.0E+00	1.4E-03	7.4E-04						
	16 to 30	0.00368	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	9.2E-07	0.14	5.0E+00	1.4E-03	7.4E-04						
												Total	2.08			2.9E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
3	-0.25 to 0	0.00209	350	0.25	361	1	70	0.85	10	3.0E-04	1.1E+00	7.2E-07	0.02	5.0E+00	1.4E-03	4.2E-04						
	0 to 2	0.00209	350	2	1090	1	70	0.85	10	3.0E-04	1.1E+00	2.2E-06	0.56	5.0E+00	1.4E-03	4.2E-04						
	2 to 16	0.00209	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	1.1E-06	0.52	5.0E+00	1.4E-03	4.2E-04						
	16 to 30	0.00209	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	5.2E-07	0.08	5.0E+00	1.4E-03	4.2E-04						
												Total	1.18			1.7E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
4	-0.25 to 0	0.00325	350	0.25	361	1	70	0.85	10	3.0E-04	1.1E+00	1.1E-06	0.04	5.0E+00	1.4E-03	6.5E-04						
	0 to 2	0.00325	350	2	1090	1	70	0.85	10	3.0E-04	1.1E+00	3.4E-06	0.87	5.0E+00	1.4E-03	6.5E-04						
	2 to 16	0.00325	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	1.8E-06	0.81	5.0E+00	1.4E-03	6.5E-04						
	16 to 30	0.00325	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	8.1E-07	0.12	5.0E+00	1.4E-03	6.5E-04						
												Total	1.84			2.6E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
5	-0.25 to 0	0.00483	350	0.25	361	1	70	0.85	10	3.0E-04	1.1E+00	1.7E-06	0.05	5.0E+00	1.4E-03	9.7E-04						
	0 to 2	0.00483	350	2	1090	1	70	0.85	10	3.0E-04	1.1E+00	5.0E-06	1.29	5.0E+00	1.4E-03	9.7E-04						
	2 to 16	0.00483	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	2.6E-06	1.20	5.0E+00	1.4E-03	9.7E-04						
	16 to 30	0.00483	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	1.2E-06	0.19	5.0E+00	1.4E-03	9.7E-04						
												Total	2.73			3.9E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
6	16 to 41	0.01121	250	25	230	1	70	1.00	1	3.0E-04	1.1E+00	1.8E-06	0.66	5.0E+00	1.4E-03	2.2E-03						
												Total	0.66			2.2E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
7 (MEIW)	16 to 41	0.01271	250	25	230	1	70	1.00	1	3.0E-04	1.1E+00	2.0E-06	0.75	5.0E+00	1.4E-03	2.5E-03						
												Total	0.75			2.5E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
8 (MEISC)	4 to 13	0.00033	180	9.00	572	1	70	1.00	3	3.0E-04	1.1E+00	9.3E-08	0.04	5.0E+00	1.4E-03	6.6E-05						
												Total	0.04			6.6E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

Operational Risk

Receptor No.	Age Bin	DPM Conc. ($\mu g/m^3$)	Exposure Frequency (days)	Exposure Duration (years)	Inhalation Rate (L/kg-day)	Inhalation Absorption Factor	Averaging Time (years)	FAH	ASF	Cancer Risk				Non-Cancer Risk								
										URF	CPF	Dose	Risk (per million)	REL	RfD	RESP	CNS/PNS	CV/BL	IMMUN	KIDN	REPRO	EYES
1 (MEIR)	-0.25 to 0	0.00087	350	0.25	361	1	70	0.85	10	3.0E-04	1.1E+00	3.0E-07	0.01	5.0E+00	1.4E-03	1.7E-04						
	0 to 2	0.00087	350	2	1090	1	70	0.85	10	3.0E-04	1.1E+00	9.1E-07	0.23	5.0E+00	1.4E-03	1.7E-04						
	2 to 16	0.00087	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	4.8E-07	0.22	5.0E+00	1.4E-03	1.7E-04						
	16 to 30	0.00087	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	2.2E-07	0.03	5.0E+00	1.4E-03	1.7E-04						
												Total	0.49			7.0E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2	-0.25 to 0	0.00072	350	0.25	361	1	70	0.85	10	3.0E-04	1.1E+00	2.5E-07	0.01	5.0E+00	1.4E-03	1.4E-04						
	0 to 2	0.00072	350	2	1090	1	70	0.85	10	3.0E-04	1.1E+00	7.5E-07	0.19	5.0E+00	1.4E-03	1.4E-04						
	2 to 16	0.00072	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	3.9E-07	0.18	5.0E+00	1.4E-03	1.4E-04						
	16 to 30	0.00072	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	1.8E-07	0.03	5.0E+00	1.4E-03	1.4E-04						
												Total	0.41			5.8E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
3	-0.25 to 0	0.00036	350	0.25	361	1	70	0.85	10	3.0E-04	1.1E+00	1.2E-07	0.00	5.0E+00	1.4E-03	7.2E-05						
	0 to 2	0.00036	350	2	1090	1	70	0.85	10	3.0E-04	1.1E+00	3.8E-07	0.10	5.0E+00	1.4E-03	7.2E-05						
	2 to 16	0.00036	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	2.0E-07	0.09	5.0E+00	1.4E-03	7.2E-05						
	16 to 30	0.00036	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	9.0E-08	0.01	5.0E+00	1.4E-03	7.2E-05						
												Total	0.20			2.9E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
4	-0.25 to 0	0.00036	350	0.25	361	1	70	0.85	10	3.0E-04	1.1E+00	1.2E-07	0.00	5.0E+00	1.4E-03	7.2E-05						
	0 to 2	0.00036	350	2	1090	1	70	0.85	10	3.0E-04	1.1E+00	3.8E-07	0.10	5.0E+00	1.4E-03	7.2E-05						
	2 to 16	0.00036	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	2.0E-07	0.09	5.0E+00	1.4E-03	7.2E-05						
	16 to 30	0.00036	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	9.0E-08	0.01	5.0E+00	1.4E-03	7.2E-05						
												Total	0.20			2.9E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
5	-0.25 to 0	0.00045	350	0.25	361	1	70	0.85	10	3.0E-04	1.1E+00	1.6E-07	0.00	5.0E+00	1.4E-03	9.0E-05						
	0 to 2	0.00045	350	2	1090	1	70	0.85	10	3.0E-04	1.1E+00	4.7E-07	0.12	5.0E+00	1.4E-03	9.0E-05						
	2 to 16	0.00045	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	2.5E-07	0.11	5.0E+00	1.4E-03	9.0E-05						
	16 to 30	0.00045	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	1.1E-07	0.02	5.0E+00	1.4E-03	9.0E-05						
												Total	0.25			3.6E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
6	16 to 41	0.00088	250	25	230	1	70	1.00	1	3.0E-04	1.1E+00	1.4E-07	0.05	5.0E+00	1.4E-03	1.8E-04						
												Total	0.05			1.8E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
7 (MEIW)	16 to 41	0.00101	250	25	230	1	70	1.00	1	3.0E-04	1.1E+00	1.6E-07	0.06	5.0E+00	1.4E-03	2.0E-04						
												Total	0.06			2.0E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
8 (MEISC)	4 to 13	0.00007	180	9.00	572	1	70	1.00	3	3.0E-04	1.1E+00	2.0E-08	0.01	5.0E+00	1.4E-03	1.4E-05						
												Total	0.01			1.4E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

Combined Construction and Operational Risk - Without PDFs

Receptor No.	Age Bin	DPM Conc. ($\mu g/m^3$)	Exposure Frequency (days)	Exposure Duration (years)	Inhalation Rate (L/kg-day)	Inhalation Absorption Factor	Averaging Time (years)	FAH	ASF	Cancer Risk				Non-Cancer Risk								
										URF	CPF	Dose	Risk (per million)	REL	RfD	RESP	CNS/PNS	CV/BL	IMMUN	KIDN	REPRO	EYES
1 (MEIR)	0 to 2	0.01848	250	1.93	1090	1	70	1.00	10	3.0E-04	1.1E+00	1.4E-05	3.99	5.0E+00	1.4E-03	3.7E-03						
	0 to 2	0.00524	350	0.07	1090	1	70	0.85	10	3.0E-04	1.1E+00	5.5E-06	0.05	5.0E+00	1.4E-03	1.0E-03						
	2 to 16	0.00524	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	2.9E-06	1.30	5.0E+00	1.4E-03	1.0E-03						
	16 to 30	0.00524	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	1.3E-06	0.20	5.0E+00	1.4E-03	1.0E-03						
												Total	5.55			6.8E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2	0 to 2	0.00943	250	1.93	1090	1	70	1.00	10	3.0E-04	1.1E+00	7.0E-06	2.04	5.0E+00	1.4E-03	1.9E-03						
	0 to 2	0.00368	350	0.07	1090	1	70	0.85	10	3.0E-04	1.1E+00	3.8E-06	0.03	5.0E+00	1.4E-03	7.4E-04						
	2 to 16	0.00368	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	2.0E-06	0.92	5.0E+00	1.4E-03	7.4E-04						
	16 to 30	0.00368	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	9.2E-07	0.14	5.0E+00	1.4E-03	7.4E-04						
												Total	3.13			4.1E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
3	0 to 2	0.00360	250	1.93	1090	1	70	1.00	10	3.0E-04	1.1E+00	2.7E-06	0.78	5.0E+00	1.4E-03	7.2E-04						
	0 to 2	0.00209	350	0.07	1090	1	70	0.85	10	3.0E-04	1.1E+00	2.2E-06	0.02	5.0E+00	1.4E-03	4.2E-04						
	2 to 16	0.00209	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	1.1E-06	0.52	5.0E+00	1.4E-03	4.2E-04						
	16 to 30	0.00209	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	5.2E-07	0.08	5.0E+00	1.4E-03	4.2E-04						
												Total	1.40			2.0E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
4	0 to 2	0.00674	250	1.93	1090	1	70	1.00	10	3.0E-04	1.1E+00	5.0E-06	1.46	5.0E+00	1.4E-03	1.3E-03						
	0 to 2	0.00325	350	0.07	1090	1	70	0.85	10	3.0E-04	1.1E+00	3.4E-06	0.03	5.0E+00	1.4E-03	6.5E-04						
	2 to 16	0.00325	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	1.8E-06	0.81	5.0E+00	1.4E-03	6.5E-04						
	16 to 30	0.00325	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	8.1E-07	0.12	5.0E+00	1.4E-03	6.5E-04						
												Total	2.42			3.3E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
5	0 to 2	0.00849	250	1.93	1090	1	70	1.00	10	3.0E-04	1.1E+00	6.3E-06	1.83	5.0E+00	1.4E-03	1.7E-03						
	0 to 2	0.00483	350	0.07	1090	1	70	0.85	10	3.0E-04	1.1E+00	5.0E-06	0.05	5.0E+00	1.4E-03	9.7E-04						
	2 to 16	0.00483	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	2.6E-06	1.20	5.0E+00	1.4E-03	9.7E-04						
	16 to 30	0.00483	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	1.2E-06	0.19	5.0E+00	1.4E-03	9.7E-04						
												Total	3.27			4.6E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
6 (MEIW)	16 to 41	0.05981	250	1.93	230	1	70	1.00	1	3.0E-04	1.1E+00	9.4E-06	0.27	5.0E+00	1.4E-03	1.2E-02						
	16 to 41	0.01121	250	23.07	230	1	70	1.00	1	3.0E-04	1.1E+00	1.8E-06	0.61	5.0E+00	1.4E-03	2.2E-03						
												Total	0.88			1.4E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
7	16 to 41	0.01940	250	1.93	230	1	70	1.00	1	3.0E-04	1.1E+00	3.1E-06	0.09	5.0E+00	1.4E-03	3.9E-03						
	16 to 41	0.01271	250	23.07	230	1	70	1.00	1	3.0E-04	1.1E+00	2.0E-06	0.69	5.0E+00	1.4E-03	2.5E-03						
												Total	0.78			6.4E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
8 (MEISC)	4 to 13	0.00037	180	1.93	572	1	70	1.00	3	3.0E-04	1.1E+00	1.0E-07	0.01	5.0E+00	1.4E-03	7.4E-05						
	4 to 13	0.00033	180	7.07	572	1	70	1.00	3	3.0E-04	1.1E+00	9.3E-08	0.03	5.0E+00	1.4E-03	6.6E-05						
												Total	0.04			1.4E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

Combined Construction and Operational Risk - With PDFs

Receptor No.	Age Bin	DPM Conc. ($\mu g/m^3$)	Exposure Frequency (days)	Exposure Duration (years)	Inhalation Rate (L/kg-day)	Inhalation Absorption Factor	Averaging Time (years)	FAH	ASF	Cancer Risk				Non-Cancer Risk								
										URF	CPF	Dose	Risk (per million)	REL	RfD	RESP	CNS/PNS	CV/BL	IMMUN	KIDN	REPRO	EYES
1 (MEIR)	0 to 2	0.00237	250	1.93	1090	1	70	1.00	10	3.0E-04	1.1E+00	1.8E-06	0.51	5.0E+00	1.4E-03	4.7E-04						
	0 to 2	0.00087	350	0.07	1090	1	70	0.85	10	3.0E-04	1.1E+00	9.1E-07	0.01	5.0E+00	1.4E-03	1.7E-04						
	2 to 16	0.00087	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	4.8E-07	0.22	5.0E+00	1.4E-03	1.7E-04						
	16 to 30	0.00087	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	2.2E-07	0.03	5.0E+00	1.4E-03	1.7E-04						
												Total	0.77			1.0E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2	0 to 2	0.00121	250	1.93	1090	1	70	1.00	10	3.0E-04	1.1E+00	9.0E-07	0.26	5.0E+00	1.4E-03	2.4E-04						
	0 to 2	0.00072	350	0.07	1090	1	70	0.85	10	3.0E-04	1.1E+00	7.5E-07	0.01	5.0E+00	1.4E-03	1.4E-04						
	2 to 16	0.00072	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	3.9E-07	0.18	5.0E+00	1.4E-03	1.4E-04						
	16 to 30	0.00072	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	1.8E-07	0.03	5.0E+00	1.4E-03	1.4E-04						
												Total	0.47			6.7E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
3	0 to 2	0.00047	250	1.93	1090	1	70	1.00	10	3.0E-04	1.1E+00	3.5E-07	0.10	5.0E+00	1.4E-03	9.4E-05						
	0 to 2	0.00036	350	0.07	1090	1	70	0.85	10	3.0E-04	1.1E+00	3.8E-07	0.00	5.0E+00	1.4E-03	7.2E-05						
	2 to 16	0.00036	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	2.0E-07	0.09	5.0E+00	1.4E-03	7.2E-05						
	16 to 30	0.00036	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	9.0E-08	0.01	5.0E+00	1.4E-03	7.2E-05						
												Total	0.21			3.1E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
4	0 to 2	0.00089	250	1.93	1090	1	70	1.00	10	3.0E-04	1.1E+00	6.6E-07	0.19	5.0E+00	1.4E-03	1.8E-04						
	0 to 2	0.00036	350	0.07	1090	1	70	0.85	10	3.0E-04	1.1E+00	3.8E-07	0.00	5.0E+00	1.4E-03	7.2E-05						
	2 to 16	0.00036	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	2.0E-07	0.09	5.0E+00	1.4E-03	7.2E-05						
	16 to 30	0.00036	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	9.0E-08	0.01	5.0E+00	1.4E-03	7.2E-05						
												Total	0.30			3.9E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
5	0 to 2	0.00127	250	1.93	1090	1	70	1.00	10	3.0E-04	1.1E+00	9.5E-07	0.27	5.0E+00	1.4E-03	2.5E-04						
	0 to 2	0.00045	350	0.07	1090	1	70	0.85	10	3.0E-04	1.1E+00	4.7E-07	0.00	5.0E+00	1.4E-03	9.0E-05						
	2 to 16	0.00045	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	2.5E-07	0.11	5.0E+00	1.4E-03	9.0E-05						
	16 to 30	0.00045	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	1.1E-07	0.02	5.0E+00	1.4E-03	9.0E-05						
												Total	0.41			5.2E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
6	16 to 41	0.00762	250	1.93	230	1	70	1.00	1	3.0E-04	1.1E+00	1.2E-06	0.03	5.0E+00	1.4E-03	1.5E-03						
	16 to 41	0.00088	250	23.07	230	1	70	1.00	1	3.0E-04	1.1E+00	1.4E-07	0.05	5.0E+00	1.4E-03	1.8E-04						
												Total	0.08			1.7E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
7 (MEIW)	16 to 41	0.00325	250	1.93	230	1	70	1.00	1	3.0E-04	1.1E+00	5.1E-07	0.01	5.0E+00	1.4E-03	6.5E-04						
	16 to 41	0.00101	250	23.07	230	1	70	1.00	1	3.0E-04	1.1E+00	1.6E-07	0.06	5.0E+00	1.4E-03	2.0E-04						
												Total	0.07			8.5E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
8 (MEISC)	4 to 13	0.00005	180	1.93	572	1	70	1.00	3	3.0E-04	1.1E+00	1.4E-08	0.00	5.0E+00	1.4E-03	1.0E-05						
	4 to 13	0.00007	180	7.07	572	1	70	1.00	3	3.0E-04	1.1E+00	2.0E-08	0.01	5.0E+00	1.4E-03	1.4E-05						
												Total	0.01			2.4E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

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