APPENDIX C

Mobile Source Health Risk Assessment

Cherry Avenue Industrial Building

MOBILE SOURCE HEALTH RISK ASSESSMENT

CITY OF LONG BEACH

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LIST OF ABBREVIATED TERMS

(1)	Reference
µg	Microgram
AERMOD	American Meteorological Society/Environmental Protection Agency Regulatory Model
APS	Auxiliary Power System
AQMD	Air Quality Management District
ARB	Air Resources Board
ASF	Age Sensitivity Factor
CEQA	California Environmental Quality Act
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
PM_{10}	Particulate Matter 10 microns in diameter or less
Project	Cherry Avenue Industrial Building
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 accessing the site. This section summarizes the significance criteria and Project health risks.

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

CONSTRUCTION IMPACTS

Residential Exposure Scenario:

The land use with the greatest potential exposure to Project construction-source DPM emissions is Location R6 which is located approximately 101 feet west of the Project site at an existing residence located at 5949 Cherry Avenue. Since there are no private outdoor living areas (backyards) facing the Project site, R6 is placed at the building façade. At the maximally exposed individual receptor (MEIR), the maximum incremental cancer risk attributable to Project construction-source DPM emissions is estimated at 3.38 in one million, which is less than the South Coast Air Quality Management District (SCAQMD) significance threshold of 10 in one million. At this same location, non-cancer risks were estimated to be <0.01, which would not exceed the applicable threshold of 1.0. Location R6 is the nearest receptor to the Project site and would experience the highest concentrations of DPM during Project construction due to 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.

Worker Exposure Scenario[1]*:*

The worker receptor land use with the greatest potential exposure to Project operational -source DPM emissions is Location R8, which represents the potential worker receptor located approximately 21 feet south of the Project site. At the maximally exposed individual worker (MEIW), the maximum incremental cancer risk attributable to Project construction-source DPM emissions is 0.25 in one million which is less than the SCAQMD's threshold of 10 in one million. Maximum non-cancer risks at this same location were estimated to be <0.01, which would not exceed the applicable significance threshold of 1.0. Location R8 is the nearest worker receptor and would experience the highest concentrations of DPM during Project construction due to

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.

meteorological conditions at the site. 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 nearby workers.

School Child Exposure Scenario:

The nearest school is Harte Elementary School, located approximately 1,002 feet southwest of the Project site. At the maximally exposed individual school child (MEISC), the maximum incremental cancer risk impact attributable to Project construction is calculated to be 0.02 in one million, which is less than the significance threshold of 10 in one million. At this same location, non-cancer risks attributable to the Project were calculated to be <0.01, which would not exceed the applicable significance threshold of 1.0. All other school receptors would be exposed to lower concentrations of TACs 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.

OPERATIONAL IMPACTS

Residential Exposure Scenario:

The residential land use with the greatest potential exposure to Project operational-source DPM emissions is Location R6 which is located approximately 101 feet west of the Project site at an existing residence located at 5945 Cherry Avenue. Since there are no private outdoor living areas (backyards) facing the Project site, R6 is placed at the building façade. At the MEIR, the maximum incremental cancer risk attributable to Project operational-source DPM emissions is estimated at 1.06 in one million under the Tenant Use Option 1 and 7.58 in one million under Tenant Use Option 5, both of which are less than the SCAQMD significance threshold of 10 in one million. At this same location, non-cancer risks were estimated to be <0.01 under both scenarios, which would not exceed the applicable significance threshold of 1.0. Location R6 is the nearest receptor to the Project site and would experience the highest concentrations of DPM during Project operation due to meteorological conditions at the site. Because all other modeled receptors would experience lower concentrations of DPM during Project operation under Tenant Use Option 1 and Tenant Use Option 5, 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 operational activity. All other receptors during operational activity would experience less risk than what is identified for this location.

Worker Exposure Scenario[2]*:*

The worker receptor land use with the greatest potential exposure to Project operational -source DPM emissions is Location R8, which represents the potential worker receptor located approximately 21 feet south of the Project site. At the MEIW, the maximum incremental cancer

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

risk impact is 0.33 in one million under Tenant Use Option 1 and 5.29 in one million under Tenant Use Option 5, both of which are less than the SCAQMD's threshold of 10 in one million. Maximum non-cancer risks at this same location were estimated to be <0.01 under both scenarios, which would not exceed the applicable significance threshold of 1.0. Location R6 is the nearest worker receptor and would experience the highest concentrations of DPM during Project operational activity under Tenant Use Option 1 and Tenant Use Option 5 due to meteorological conditions at the site. 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 nearby workers.

School Child Exposure Scenario:

The nearest school is Harte Elementary School, located approximately 1,002 feet southwest of the Project site. At the MEISC, the maximum incremental cancer risk impact attributable to Project construction is calculated to be 0.03 in one million under Tenant Use Option 1 and 0.31 under Tenant Use Option 5, both of which are less than the significance threshold of 10 in one million. At this same location, non-cancer risks attributable to the Project were calculated to be <0.01 under both scenarios, which would not exceed the applicable significance threshold of 1.0. All other school receptors would be exposed to lower concentrations of TACs 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

The land use with the greatest potential exposure to Project construction-source and operational-source DPM emissions is Location R6. At the MEIR, the maximum incremental cancer risk attributable to Project construction-source and operational-source DPM emissions is estimated at 4.16 in one million under Tenant Use Option 1 and 8.97 in one million under Tenant Use Option 5, both of which are less than the threshold of 10 in one million. At this same location, non-cancer risks were estimated to be <0.01 under both scenarios, which would not exceed the applicable threshold of 1.0. As such, the Project will not cause a significant human health or cancer risk to nearby residences under either the Tenant Use Option 1 or Tenant Use Option 5. The modeled receptors are illustrated on Exhibit 2-E.

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
Tenant Use Option 1 / Tenant Use Option 5	1.03 Year Exposure	Maximum Exposed Sensitive Receptor (Location R6)	3.38	10	NO
	1.03 Year Exposure	Maximum Exposed Worker Receptor (Location R8)	0.25	10	NO
	1.03 Year Exposure	Maximum Exposed Individual School Child (Location R9)	0.02	10	NO
Scenario	**Time Period**	**Location**	**Maximum Hazard Index**	**Significance Threshold**	**Exceeds Significance Threshold**
Tenant Use Option 1 / Tenant Use Option 5	Annual Average	Maximum Exposed Sensitive Receptor	<0.01	1.0	NO
	Annual Average	Maximum Exposed Worker Receptor (Location R8)	<0.01	1.0	NO
	Annual Average	Maximum Exposed Individual School Child (Location R9)	<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
Tenant Use Option 1	30 Year Exposure	Maximum Exposed Sensitive Receptor (Location R6)	1.06	10	NO
	25 Year Exposure	Maximum Exposed Worker Receptor (Location R8)	0.33	10	NO
	9 Year Exposure	Maximum Exposed Individual School Child (Location R6)	0.03	10	NO
Tenant Use Option 5	30 Year Exposure	Maximum Exposed Sensitive Receptor (Location R6)	7.58	10	NO
	25 Year Exposure	Maximum Exposed Worker Receptor (Location R8)	5.29	10	NO
	9 Year Exposure	Maximum Exposed Individual School Child (Location R9)	0.31	10	NO
Scenario	**Time Period**	**Location**	**Maximum Hazard Index**	**Significance Threshold**	**Exceeds Significance Threshold**
Tenant Use Option 1	Annual Average	Maximum Exposed Sensitive Receptor (Location R6)	<0.01	1.0	NO
	Annual Average	Maximum Exposed Worker Receptor (Location R8)	<0.01	1.0	NO
	Annual Average	Maximum Exposed Individual School Child (Location R6)	<0.01	1.0	NO
Tenant Use Option 5	Annual Average	Maximum Exposed Sensitive Receptor (Location R6)	<0.01	1.0	NO
	Annual Average	Maximum Exposed Worker Receptor (Location R8)	<0.01	1.0	NO
	Annual Average	Maximum Exposed Individual School Child (Location R9)	<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
Tenant Use Option 1	30 Year Exposure	Maximum Exposed Sensitive Receptor (Location R6)	4.16	10	NO
Tenant Use Option 5	30 Year Exposure	Maximum Exposed Sensitive Receptor (Location R6)	8.97	10	NO
Scenario	**Time Period**	**Location**	**Maximum Hazard Index**	**Significance Threshold**	**Exceeds Significance Threshold**
Tenant Use Option 1	Annual Average	Maximum Exposed Sensitive Receptor (Location R6)	<0.01	1.0	NO
Tenant Use Option 5	Annual Average	Maximum Exposed Sensitive Receptor (Location R6)	<0.01	1.0	NO

1 INTRODUCTION

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

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

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

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

The SCAQMD has also established non-carcinogenic risk parameters for use in HRAs. Non-carcinogenic risks are quantified by calculating a "hazard index," expressed as the ratio between the ambient pollutant concentration and its toxicity or Reference Exposure Level (REL). A REL is a concentration at or below which health effects are not likely to occur. A hazard index less 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 site is in the northern half of the City of Long Beach located at 5910 Cherry Avenue, approximately 650 feet north of the intersection of Cherry Avenue and South Street as shown on Exhibit 1-A. The Project site is bounded by Cherry Avenue to the west and Union Pacific rail lines to the east. Existing industrial development is located to the north and east of the

Project site. Commercial development is located to the south and west of the Project site with areas of residential development located just beyond the commercial development to the west.

1.2 PROJECT DESCRIPTION

The proposed Project will include demolition of an existing industrial development facility. The facility is currently underutilized, with only portions of the site occupied by active tenants. The proposed Project would involve the construction of a single 304,344 square foot speculative industrial building as shown on Exhibit 1-B. For the purposes of this assessment, the Project has been evaluated assuming 304,344 sf of manufacturing use. The Project is anticipated to have an Opening Year of 2025. At the time this analysis was prepared, the future tenants of the proposed Project were unknown. Since a variety of industrial uses would be permitted for the speculative industrial building that is being entitled, this analysis evaluates different Tenant Use Options in order to disclose the operational air quality emissions that would result from the range of uses that would be allowed. In total, the following 7 land uses (referred to as Tenant Use Options) are included:

- Tenant Use Option 1: 304,344 sf Manufacturing
- Tenant Use Option 2: 304,344 sf General Light Industrial
- Tenant Use Option 3: 304,344 sf Warehouse
- Tenant Use Option 4: 304,344 sf High-Cube Fulfillment (Non-Sort)
- Tenant Use Option 5: 304,344 sf High-Cube Cold Storage
- Tenant Use Option 6: 76,086 sf Manufacturing and 228,258 sf Warehouse
- Tenant Use Option 7: 76,086 sf Manufacturing and 228,258 sf High-Cube Transload

For purposes of this analysis, the Tenant Use Option 1 (the preferred option) as well as the option with the greatest potential DPM emissions (and thus the greatest potential health risk impacts) was evaluated. Because Tenant Use Option 5 would result in the greatest number of daily truck trips and would also include the use of transport refrigeration units (TRUs) and an emergency backup generator being utilized, this option was selected to represent a worst-case scenario. As such, all other Tenant Use Options would result in lower potential health risk impacts than Tenant Use Option 5.

1.3 BACKGROUND

On April 18, 2023, the Law Office of Jordan R. Sisson prepared a letter appealing the City Planning Commission's Site Plan Review approval of the proposed Project and the analysis previously conducted to support the proposed California Environmental Quality Act (CEQA) Class 32 exemption. The Appeal Letter included comments contesting the Class 32 exemption based on a review of specific technical areas (e.g., transportation, air quality, and noise). The air-related comments were prepared by Soil Water Air Protection Enterprise (SWAPE) based on a review of the July 18, 2022, *Mobile Source Health Risk Assessment* prepared by Urban Crossroads, Inc. for the proposed Project ("2022 HRA Study"). This Cherry Avenue Industrial Building Mobile Source Health Risk Assessment has been revised in response to the Appeal Letter and in support of a

new Environmental Impact Report (EIR) for entitlement of the speculative industrial building. In addition, we have prepared a detailed response to each of the Section comments of the Appeal Letter in Appendix 1.1.

The Project is proposing the development of a speculative industrial building. The analysis in the 2022 HRA Study assumed 15% High-Cube Cold Storage Warehouse use (45,596 square feet) and 85% High-Cube Fulfillment (Non-Sort) Warehouse use (258,376 square feet).

The Project has since pivoted to conducting a new EIR for the proposed 304,344 square foot speculative industrial development. As such, the following analysis has been prepared to support the new EIR. Since a variety of industrial uses would be permitted for the speculative industrial building that is being entitled, and to respond to the Appeal Letter, this analysis considers seven Tenant Use Options as described above to order to disclose the health risk impacts that would result from the range of uses that would be allowed.

EXHIBIT 1-A: LOCATION MAP

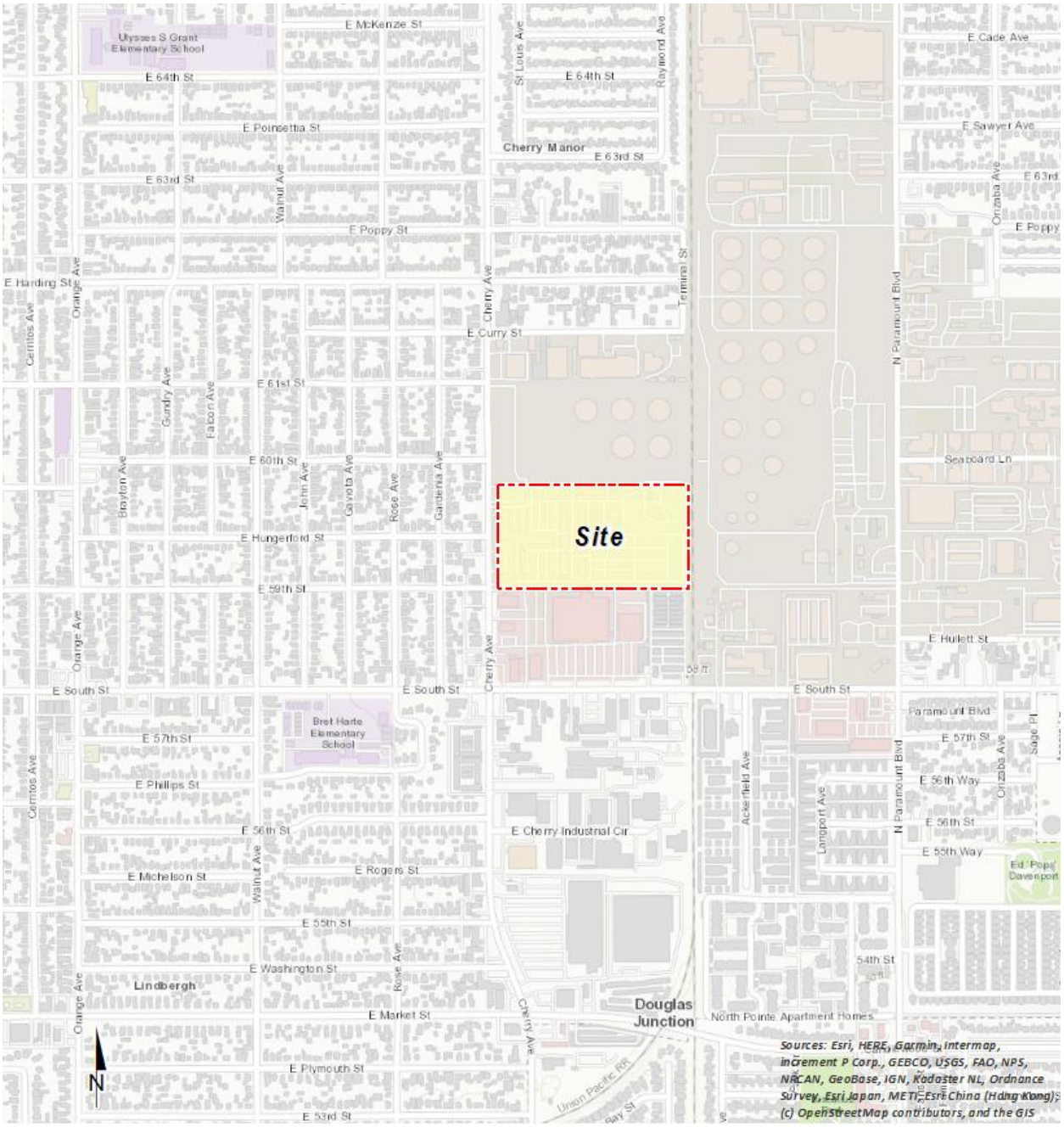
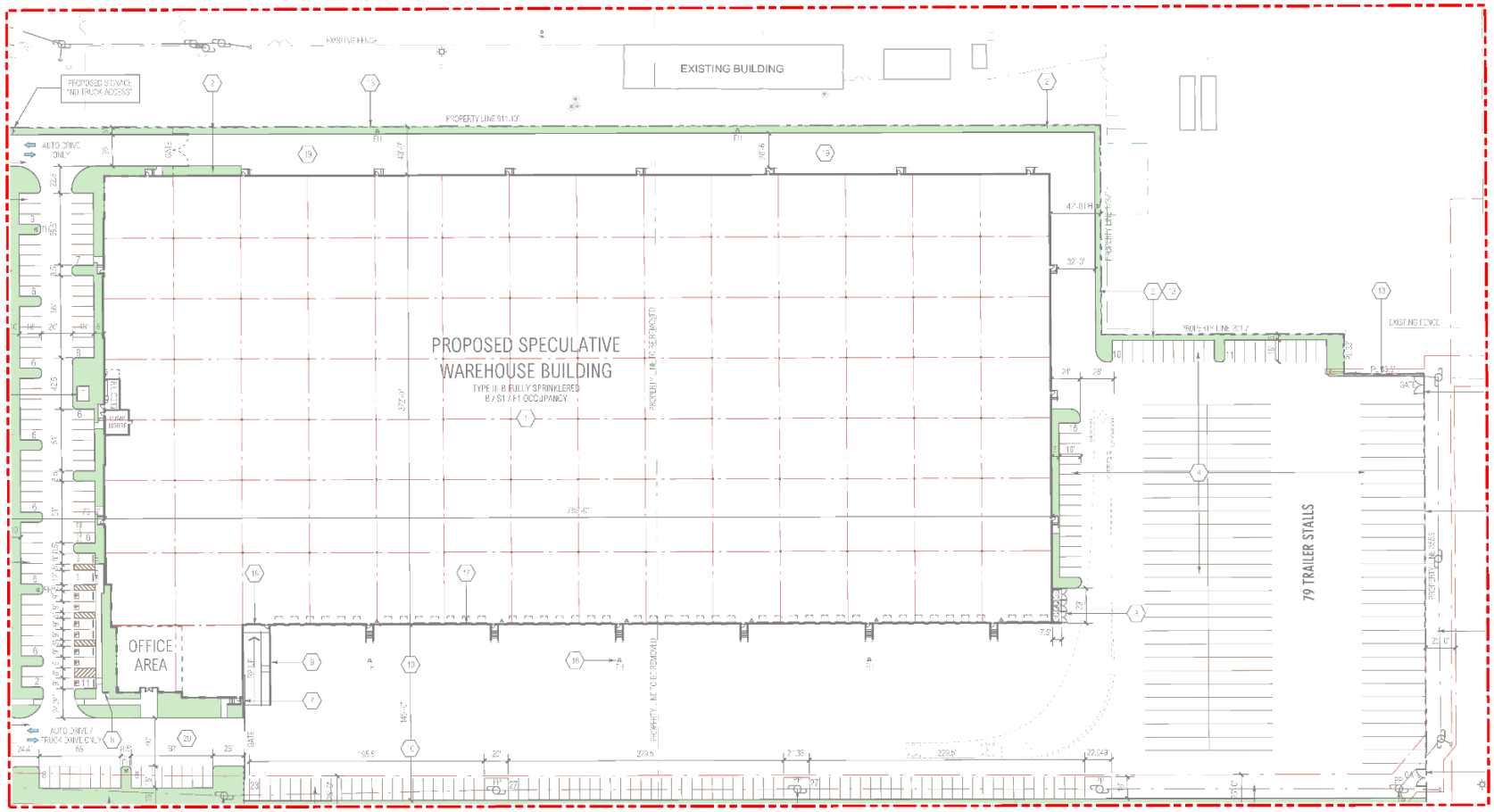


EXHIBIT 1-B: SITE PLAN



LEGEND:

N

Site Boundary

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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 95th percentile URF represents a very conservative (health-protective) risk posed by DPM because it represents breathing rates that are high for the human body.
- The emissions derived assume that every truck accessing the Project site will idle for 15 minutes under the unmitigated scenario, and this is an overestimation of actual idling times and thus conservative.[3] 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 *Cherry Avenue Industrial Building Air Quality Impact Analysis* ("technical study") prepared by Urban Crossroads, Inc. (3)

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 270 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.

It is assumed that construction activities would be identical under all Tenant Use Options.

[3] 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.

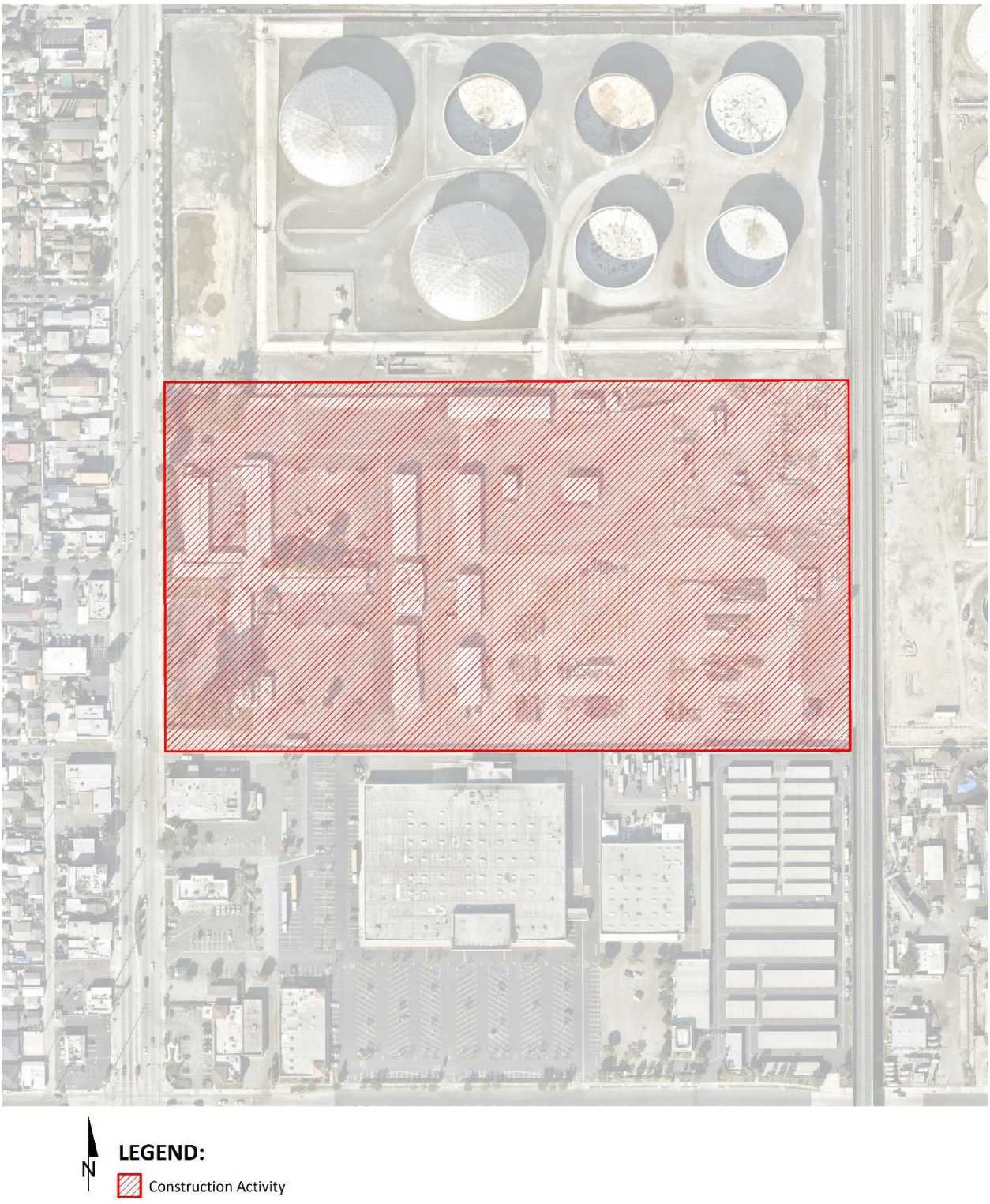
TABLE 2-1: CONSTRUCTION DURATION

Construction Activity	Start Date	End Date	Days
Demolition/Crushing	07/25/2024	08/28/2024	25
Site Preparation	08/29/2024	09/11/2024	10
Grading	09/12/2024	10/30/2024	35
Building Construction	10/31/2024	08/06/2025	200
Paving	07/01/2025	08/06/2025	27
Architectural Coating	05/22/2025	08/06/2025	55

TABLE 2-2: CONSTRUCTION EQUIPMENT ASSUMPTIONS

Construction Activity	Equipment	Quantity	Hours Per Day
Demolition/Crushing	Concrete/Industrial Saws	1	8
	Excavators	3	8
	Rubber Tired Dozers	2	8
	Crushing/Proc. Equipment	1	8
	Water Trucks	2	8
Site Preparation	Rubber Tired Dozers	3	8
	Crawler Tractors	4	8
Grading	Excavators	1	8
	Graders	1	8
	Rubber Tired Dozers	1	8
	Scrapers	4	4
	Crawler Tractors	1	8
	Water Trucks	1	8
Building Construction	Cranes	2	8
	Forklifts	5	8
	Generator Sets	2	8
	Tractors/Loaders/Backhoes	5	8
	Welders	2	8
Paving	Pavers	2	8
	Paving Equipment	2	8
	Rollers	2	8
Architectural Coating	Airless Paint Pumps	1	8

EXHIBIT 2-A: MODELED CONSTRUCTION EMISSION SOURCES



2.2.2 REMEDIATION OF CONTAMINATED SOILS

Due to the presence of VOC-contaminated soil at the Project site, soil remediation activities will be performed as part of Project construction. While soil remediation is expected to occur on-site, it is anticipated that the export of up to 10,000 cubic yards of soil may be required. Soil remediation activities are subject to SCAQMD Rule 1166, which requires the preparation of a site-specific plan for the monitoring, treatment, handling, and removal of contaminated soils. The proposed Project would be required to comply with the requirements of Rule 1166. Because implementation of Rule 1166 requirements would minimize potential emissions that may occur during soil remediation activities, and because these activities would be short-term in nature, no additional impacts beyond those identified in this report would occur.

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 (4). 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 Los Angeles 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 on Table 2-3. The emission factors presented in Table 2-3 are a weighted average, which takes into account the fleet mix of trucks visiting the site. As a conservative measure, a 2025 EMFAC 2021 run was conducted and a static 2025 emissions factor data set was used for the entire duration of analysis herein (e.g., 30 years). Use of 2025 emission factors would overstate potential impacts since this approach assumes that emission factors remain "static" and do not change over time due to fleet turnover or cleaner technology with lower emissions that would be incorporated into vehicles after 2025. Additionally, based on EMFAC 2021, Light-Heavy-Duty Trucks are comprised of 45.4% diesel, Medium-Heavy-Duty Trucks are comprised of 80.8% diesel, and Heavy-Heavy-Duty Trucks are comprised of 89.9% 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 (5):

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

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 (5):

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

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: 2025 WEIGHTED AVERAGE DPM EMISSIONS FACTORS

Scenario	Speed	Weighted Average
Tenant Use Option 1	0 (idling)	0.07140 (g/idle-hr)
	5	0.01903 (g/mile)
	25	0.00770 (g/mile)
Tenant Use Option 5	0 (idling)	0.11811 (g/idle-hr)
	5	0.01906 (g/mile)
	25	0.00834 (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 Tables 2-4 and 2-5 for Tenant Use Option 1 and Tenant Use Option 5, respectively. 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 (6) (in the case of the Project, the primary source of emissions is the on-site idling and on-site travel).

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

As summarized in the *Cherry Avenue Industrial Building Traffic Analysis* prepared by Urban Crossroads, Inc., Tenant Use Option 1 is expected to generate a total of approximately 1,448 actual vehicular trip-ends per day (724 vehicles inbound + 724 vehicles outbound) which includes 1,310 passenger vehicle trips (655 passenger vehicles inbound + 655 passenger vehicles outbound) and 138 two-way truck trips (69 trucks inbound per day + 69 trucks outbound) per day (8).

Under Tenant Use Option 5, the Project is expected to generate a total of approximately 644 actual vehicular trip-ends per day (322 vehicles inbound + 322 vehicles outbound) which includes 416 passenger vehicle trips (208 passenger vehicles inbound + 208 passenger vehicles outbound) and 228 two-way truck trips (114 trucks inbound per day + 114 trucks outbound) per day (8).

For purposes of this analysis, the Tenant Use Option 1 (the preferred option) as well as the option with the greatest potential DPM emissions (and thus the greatest potential health risk impacts) was evaluated. Because Tenant Use Option 5 would result in the greatest number of daily truck trips and would also include the use of transport refrigeration units (TRUs) and an emergency backup generator being utilized, this option was selected to represent a worst-case scenario. As such, all other Tenant Use Options would result in lower potential health risk impacts than Tenant Use Option 5.

2.3.2 TRANSPORT REFRIGERATION UNITS (TRUS)

In order to account for the possibility of refrigerated uses, trucks associated with the cold-storage land use under Tenant Use Option 5 are assumed to also have TRUs. For modeling purposes, 228 two-way truck trips under Tenant Use Option 5 have been estimated to include TRUs (e.g., all truck trips that would be associated with up to 304,344-sf of high-cube cold storage use, as summarized in the *Cherry Avenue Industrial Building Traffic Analysis* (8)) under Tenant Use Option 5. TRUs are accounted for during on-site and off-site travel. The TRU calculations are based on EMFAC2021. EMFAC2021 does not provide emission rates per hour or mile as with the on-road emission model and only provides emission inventories. Emission results are produced in tons per day while all activity, fuel consumption and horsepower hours were reported at annual levels. The emission inventory is based on specific assumptions including the average horsepower rating of specific types of equipment and the hours of operation annually. These assumptions are not always consistent with assumptions used in the modeling of project level emissions. Therefore, the emissions inventory was converted into emission rates to accurately calculate emissions from TRU operation associated with project level details. This was accomplished by converting the annual horsepower hours to daily operational characteristics and converting the daily emission levels into hourly emission rates based on the total emission of each criteria pollutant by equipment type and the average daily hours of operations. The analysis assumes that TRUs may operate at the Project site for up to 30 minutes per trip.

2.3.3 STATIONARY SOURCES

It is anticipated that under Tenant Use Option 1, the Project would utilize a 300 hp diesel-powered emergency fire pump. Additionally, under Tenant Use Option 5, it was assumed that the Project would utilize a 1,500 hp diesel-powered emergency backup generator in addition to a 300 hp diesel-powered emergency fire pump. For analytical purposes, it is anticipated that the fire pump and emergency generator would each operate for a maximum time of 0.5 hours per day and 50 hours per year for maintenance and testing purposes. Each emergency engine was modeled in AERMOD as point source, and 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 (9).

EXHIBIT 2-B: MODELED ON-SITE EMISSION SOURCES

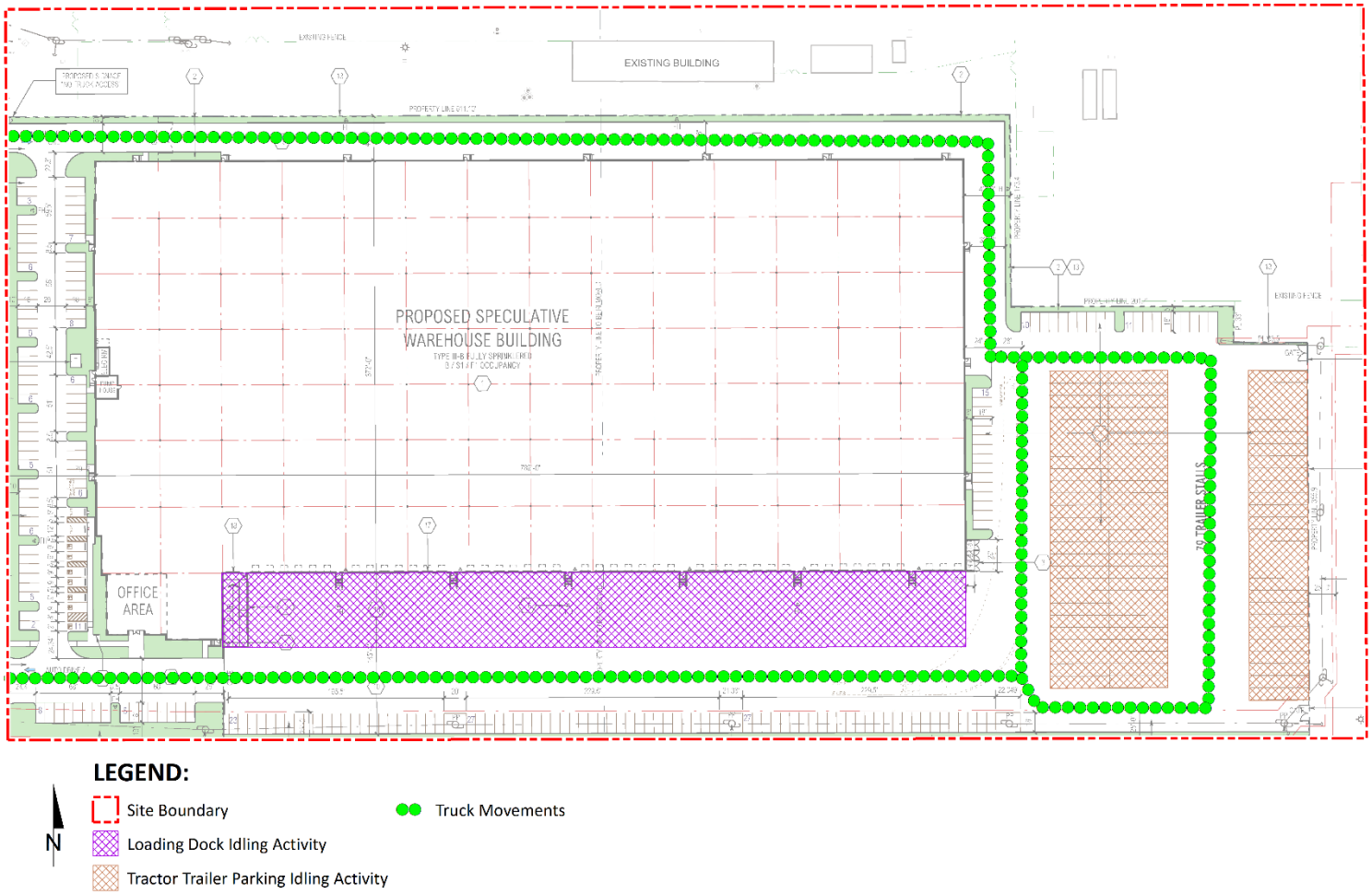


EXHIBIT 2-C: MODELED OFF-SITE EMISSION SOURCES

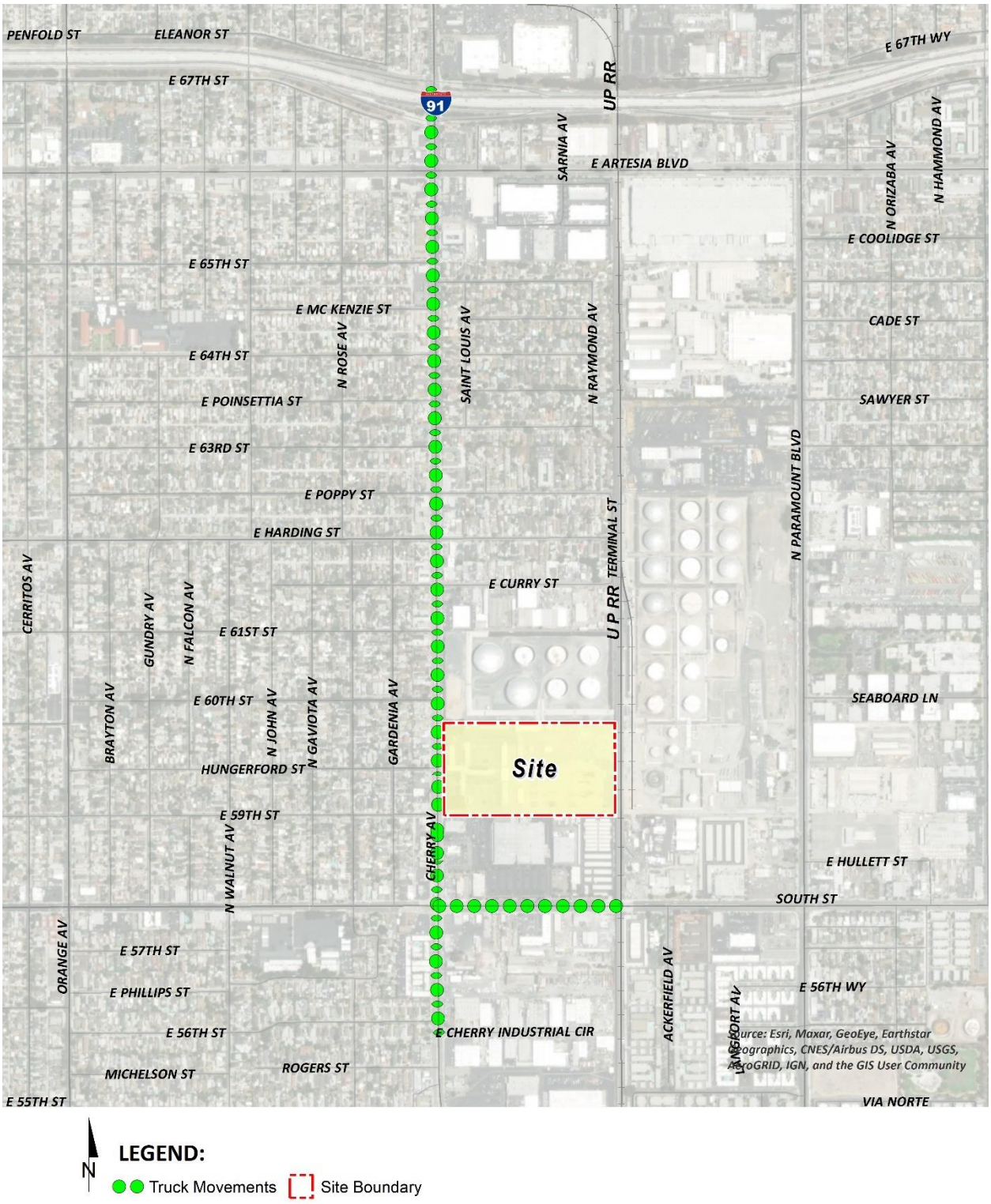


TABLE 2-4: DPM EMISSIONS FROM PROJECT TRUCKS (2025 ANALYSIS YEAR) – TENANT USE OPTION 1

Truck Emission Rates							
Source	Trucks Per Day	VMT [a] (miles/day)	Truck Emission Rate [b] (grams/mile)	Truck Emission Rate [b] (grams/idle-hour)	TRU Emissions (grams/day)	Daily Truck Emissions [c] (grams/day)	Modeled Emission Rates (g/second)
On-Site Idling - Loading Docks	69			0.0714	0.00	1.23	1.426E-05
On-Site Idling - Trailer Stalls 1	23			0.0714	0.00	0.41	4.752E-06
On-Site Idling - Trailer Stalls 2	23			0.0714	0.00	0.41	4.752E-06
On-Site Idling - Trailer Stalls 3	23			0.0714	0.00	0.41	4.752E-06
On-Site Travel	138	59.96	0.0190		0.00	1.14	1.321E-05
On-Site Travel - Trailer Stalls	138	17.49	0.0190		0.00	0.33	3.853E-06
Off-Site Travel - Cherry Ave. 85%	117	115.83	0.0077		0.00	0.89	1.033E-05
Off-Site Travel - Cherry Ave. 15%	21	2.78	0.0077		0.00	0.02	2.475E-07
Off-Site Travel - Cherry Ave. 5%	7	1.22	0.0077		0.00	0.01	1.089E-07
Off-Site Travel - South St. 10%	14	3.44	0.0077		0.00	0.03	3.071E-07

[a] Vehicle miles traveled are for modeled truck route only and are calculated by multiplying the number of trucks per day by the segment length.

[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.

TABLE 2-5: DPM EMISSIONS FROM PROJECT TRUCKS (2025 ANALYSIS YEAR) – TEANANT USE OPTION 5

Truck Emission Rates							
Source	Trucks Per Day	VMT [a] (miles/day)	Truck Emission Rate [b] (grams/mile)	Truck Emission Rate [b] (grams/idle-hour)	TRU Emissions (grams/day)	Daily Truck Emissions [c] (grams/day)	Modeled Emission Rates (g/second)
On-Site Idling - Loading Docks	114			0.1181	24.19	3.37	3.190E-04
On-Site Idling - Trailer Stalls 1	38			0.1181	8.06	1.12	1.063E-04
On-Site Idling - Trailer Stalls 2	38			0.1181	8.06	1.12	1.063E-04
On-Site Idling - Trailer Stalls 3	38			0.1181	8.06	1.12	1.063E-04
On-Site Travel	228	99.05	0.0191		8.41	1.89	1.192E-04
On-Site Travel - Trailer Stalls	228	28.90	0.0191		2.45	0.55	3.477E-05
Off-Site Travel - Cherry Ave. 85%	194	191.33	0.0083		3.25	1.60	5.608E-05
Off-Site Travel - Cherry Ave. 15%	34	4.59	0.0083		0.08	0.04	1.344E-06
Off-Site Travel - Cherry Ave. 5%	11	2.02	0.0083		0.03	0.02	5.912E-07
Off-Site Travel - South St. 10%	23	5.69	0.0083		0.10	0.05	1.667E-06

[a] Vehicle miles traveled are for modeled truck route only and are calculated by multiplying the number of trucks per day by the segment length.

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

[c] This column includes the total truck travel and truck idle emissions. For idle emissions this column includes emissions based on the assumption that each truck idles for 15 minutes and each TRU idles for 30 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 (1). The Environmental Protection Agency's (U.S. EPA's) AERMOD model has been utilized. For purposes of this analysis, the Lakes AERMOD View (Version 11.2.0) was used to calculate annual average particulate concentrations associated with site operations. Lakes AERMOD View was utilized to incorporate the U.S. EPA's latest AERMOD Version 22112 (10).

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

Model parameters are presented in Table 2-6 (11). The model requires additional input parameters including emission data and local meteorology. Meteorological data from the SCAQMD's Long Beach Airport monitoring station was used to represent local weather conditions and prevailing winds (12).

TABLE 2-6: AERMOD MODEL PARAMETERS

Dispersion Coefficient (Urban/Rural)	Urban (population 9,818,605)
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.

Exhibit 2-D presents the locations of all receptors modeled as part of this analysis. 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 maximally exposed individual receptor (MEIR), maximally exposed individual school child (MEISC) and maximally exposed individual worker (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 2-7 through 2-10 summarize the Exposure Parameters for residents and workers based on 2015 OEHHA Guidelines. Appendix 2.4 includes the detailed risk calculation.

EXHIBIT 2-D: MODELED DISCRETE RECEPTOR LOCATIONS



TABLE 2-7: 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	1.03	1.00	250	8

TABLE 2-8: 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 2-9: 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 2-10: 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

Residential Exposure Scenario:

The land use with the greatest potential exposure to Project construction-source DPM emissions is Location R6 which is located approximately 101 feet west of the Project site at an existing residence located at 5949 Cherry Avenue. Since there are no private outdoor living areas (backyards) facing the Project site, R6 is placed at the building façade. At the MEIR, the maximum incremental cancer risk attributable to Project construction-source DPM emissions is estimated at 3.38 in one million, which is less than the SCAQMD significance threshold of 10 in one million. At this same location, non-cancer risks were estimated to be <0.01, which would not exceed the applicable threshold of 1.0. Location R6 is the nearest receptor to the Project site and would experience the highest concentrations of DPM during Project construction due to 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.

Worker Exposure Scenario[4]*:*

The worker receptor land use with the greatest potential exposure to Project operational -source DPM emissions is Location R8, which represents the potential worker receptor located approximately 21 feet south of the Project site. At the MEIW, the maximum incremental cancer risk attributable to Project construction-source DPM emissions is 0.25 in one million which is less than the SCAQMD's threshold of 10 in one million. Maximum non-cancer risks at this same location were estimated to be <0.01, which would not exceed the applicable significance threshold of 1.0. Location R8 is the nearest worker receptor and would experience the highest concentrations of DPM during Project construction due to meteorological conditions at the site. 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 nearby workers.

School Child Exposure Scenario:

The nearest school is Harte Elementary School, located approximately 1,002 feet southwest of the Project site. At the MEISC, the maximum incremental cancer risk impact attributable to Project construction is calculated to be 0.02 in one million, which is less than the significance threshold of 10 in one million. At this same location, non-cancer risks attributable to the Project were calculated to be <0.01, which would not exceed the applicable significance threshold of 1.0. All other school receptors would be exposed to lower concentrations of TACs 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.

OPERATIONAL IMPACTS

Residential Exposure Scenario:

The residential land use with the greatest potential exposure to Project operational-source DPM emissions is Location R6 which is located approximately 101 feet west of the Project site at an existing residence located at 5945 Cherry Avenue. Since there are no private outdoor living areas (backyards) facing the Project site, R6 is placed at the building façade. At the MEIR, the maximum incremental cancer risk attributable to Project operational-source DPM emissions is estimated at 1.06 in one million under Tenant Use Option 1 and 7.58 in one million under Tenant Use Option 5, both of which are less than the SCAQMD significance threshold of 10 in one million. At this same location, non-cancer risks were estimated to be <0.01 under both scenarios, which would not exceed the applicable significance threshold of 1.0. Location R6 is the nearest receptor to the Project site and would experience the highest concentrations of DPM during Project operation due to meteorological conditions at the site. Because all other modeled receptors would experience lower concentrations of DPM during Project operation under Tenant Use Option 1 and Tenant Use Option 5, all other receptors in the vicinity of the Project would be exposed to

4 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.

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 operational activity. All other receptors during operational activity would experience less risk than what is identified for this location.

Worker Exposure Scenario[5]*:*

The worker receptor land use with the greatest potential exposure to Project operational -source DPM emissions is Location R8, which represents the potential worker receptor located approximately 21 feet south of the Project site. At the MEIW, the maximum incremental cancer risk impact is 0.33 in one million under Tenant Use Option 1 and 5.29 in one million under Tenant Use Option 5, both of which are less than the SCAQMD's threshold of 10 in one million. Maximum non-cancer risks at this same location were estimated to be <0.01 under both scenarios, which would not exceed the applicable significance threshold of 1.0. Location R6 is the nearest worker receptor and would experience the highest concentrations of DPM during Project operational activity under Tenant Use Option 1 and Tenant Use Option 5 scenarios due to meteorological conditions at the site. 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 nearby workers.

School Child Exposure Scenario:

The nearest school is Harte Elementary School, located approximately 1,002 feet southwest of the Project site. At the MEISC, the maximum incremental cancer risk impact attributable to Project construction is calculated to be 0.03 in one million under Tenant Use Option 1 and 0.31 under Tenant Use Option 5, both of which are less than the significance threshold of 10 in one million. At this same location, non-cancer risks attributable to the Project were calculated to be <0.01 under both scenarios, which would not exceed the applicable significance threshold of 1.0. All other school receptors would be exposed to lower concentrations of TACs 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

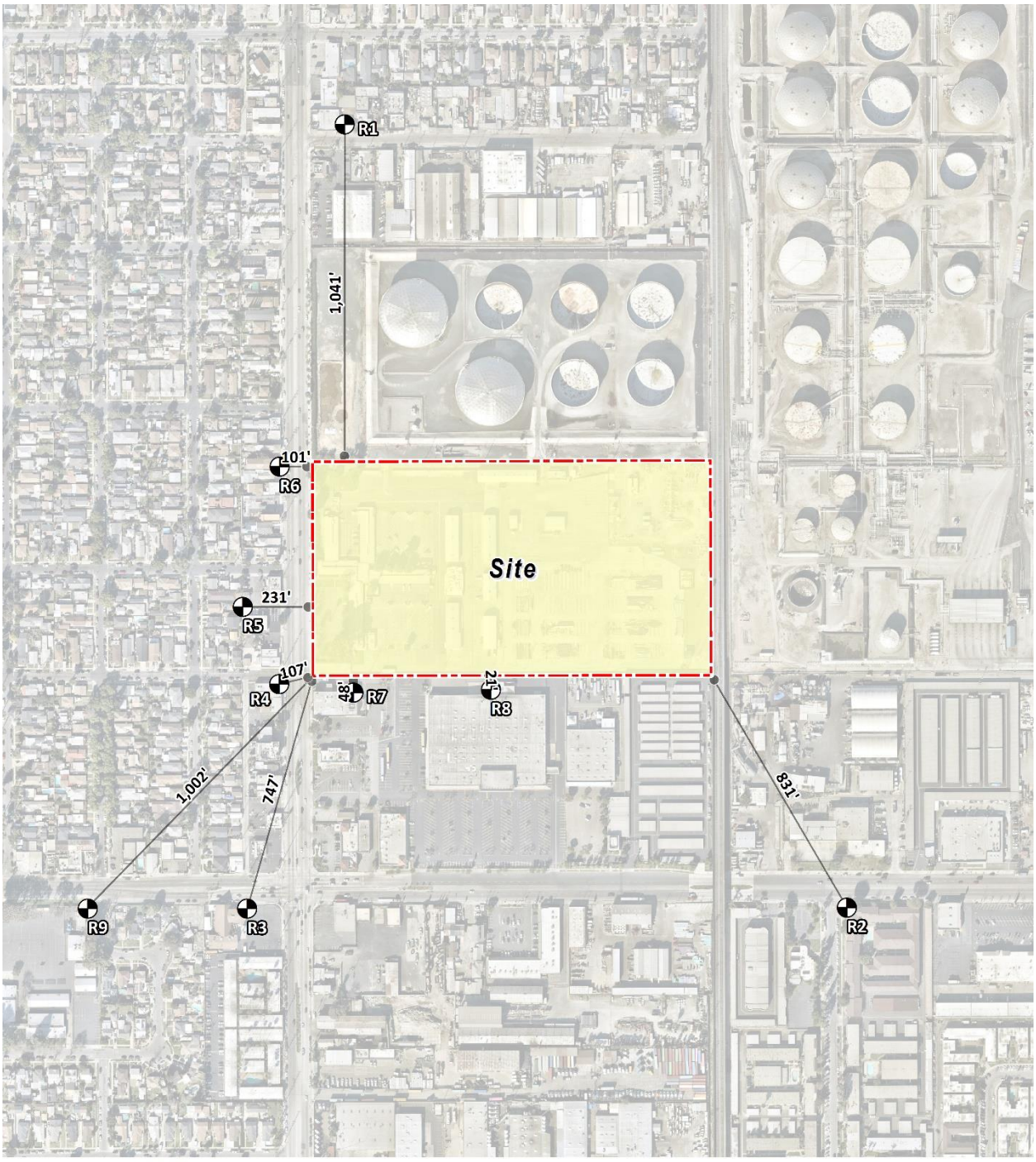
The land use with the greatest potential exposure to Project construction-source and operational-source DPM emissions is Location R6. At the MEIR, the maximum incremental cancer risk attributable to Project construction-source and operational-source DPM emissions is estimated at 4.16 in one million under Tenant Use Option 1 and 8.97 in one million under Tenant Use Option 5, both of which are less than the threshold of 10 in one million. At this same location, non-cancer risks were estimated to be <0.01 under both scenarios, which would not exceed the applicable threshold of 1.0. As such, the Project will not cause a significant human health or

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.

cancer risk to nearby residences under either the Tenant Use Option 1 or Tenant Use Option 5. The modeled receptors are illustrated on Exhibit 2-E.

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

EXHIBIT 2-E: RECEPTOR LOCATIONS



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3 CUMULATIVE TACS

3.1 BACKGROUND

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

3.2 HEALTH RISK FROM CUMULATIVE CRITERIA POLLUTANTS

SCAQMD and the San Joaquin Valley Unified Air Pollution Control District (SJVAPCD) filed Amicus Curiae Briefs (amicus briefs) in *Sierra Club v. County of Fresno* (2018) 6 Cal.5th 502 (F*riant Ranch*) (15) (16). In both amicus briefs, SCAQMD and SJVAPCD provided technical explanations as to why it may not be feasible or reliable for a project to relate the expected adverse air quality impacts to likely health consequences.

As summarized below, for the reasons set forth in the SCAQMD and SJVAPCD amicus briefs, the proposed Project's significant cumulative air quality impacts currently cannot feasibly be related to likely health consequences in an accurate or reliable manner. Although methods are being developed to determine health effects from large regional scale projects, the technical demands to feasibly and accurately relate the adverse air quality impacts to likely health consequences are too high for this Project at this time. The technical challenges are listed below, with the SCAQMD and SJVAPCD amicus briefs providing support on the findings for the Project:

- Ozone is not formed at the location of sources/emissions, which necessitates the use of complex and more sophisticated modeling that is not reasonably feasible for the proposed Project at this time. "For the so-called criteria pollutants, such as ozone, it may be more difficult to quantify health impacts. Ozone is formed in the atmosphere from the chemical reaction of the nitrogen oxides (NOx) and volatile organic compounds (VOC) in the presence of sunlight… It takes time and the influence of meteorological conditions for these reactions to occur, so ozone may be formed at a distance downwind from the sources." [SCAQMD brief, p.11]

- The quantity of precursor emissions is not proportional to local ozone and secondary PM concentration, which necessitates the use of complex and more sophisticated modeling that is not reasonably feasible for the proposed Project at this time. "Ground level ozone (smog) is not directly emitted into the air, but is formed when precursor pollutants such as oxides of nitrogen (NOx) and volatile organic compounds (VOCs) are emitted into the atmosphere and undergo complex chemical reactions in the process of sunlight. Once formed, ozone can be transported long distances by wind. Because of the complexity of ozone formation, a specific tonnage amount of NOx or VOCs emitted in a particular area does not equate to a particular concentration of ozone in that area." [SJVAPCD brief, p.4]

- "Secondary PM, like ozone, is formed via complex chemical reactions in the atmosphere between precursor chemicals such as sulfur dioxides (SOx) and NOx.

Because of the complexity of secondary PM formation, the tonnage of PM-forming precursor emissions in an area does not necessarily result in an equivalent concentration of secondary PM in that area." [SJVAPCD brief, p.5]

- Emissions do not cause health effects – it is the resulting concentration of criteria pollutants, which is influenced by sunlight, complex reactions, and transport, which necessitates the use of complex and more sophisticated modeling that is not reasonably feasible for this Project at this time. "The disconnect between the tonnage of precursor pollutants (NOx, SOx and VOCs) and the concentration of ozone or PM formed is important because it is not necessarily the tonnage of precursor pollutants that causes human health effects, but the concentration of resulting ozone or PM." [SJVAPCD brief, p.5]

- Currently available modeling tools are appropriate for regional evaluations, but not individual projects like the proposed Project. "For instance, the computer models used to simulate and predict an attainment date for the ozone or particulate matter NAAQS in the San Joaquin Valley are based on regional inputs, such as regional inventories of precursor pollutants (NOx, SOx and VOCs) and the atmospheric chemistry and meteorology of the Valley… the models simulate future ozone or PM levels based on predicted changes in precursor emissions Valley wide… The goal of these modeling exercises is not to determine whether the emissions generated by a particular factory or development project will affect the date that the Valley attains the NAAQS. Rather, the Air District's modeling and planning strategy is regional in nature and based on the extent to which all of the emission-generating sources in the Valley (current and future) must be controlled in order to reach attainment." [SJVAPCD brief, p.6-7]. "Thus, the CEQA air quality analysis for criteria pollutants is not really a localized, project level impact analysis but one of regional, "cumulative impacts."" [SJVAPCD brief, p.8] "...the currently available modeling tools are equipped to model the impact of all emission sources in the Valley on attainment... Running the photochemical grid model used for predicting ozone attainment with the emissions solely from the Friant Ranch project (which equate to less than one-tenth of one percent of the total NOx and VOC in the Valley) is not likely to yield valid information given the relative scale involved." [SJVAPCD brief, p.9-10]

- SJVAPCD indicates that it is currently impossible to accurately correlate project level emissions to specific health impacts. "Finally, even once a model is developed to accurately ascertain local increases in concentrations of photochemical pollutants like ozone and some particulates, it remains impossible, using today's models, to correlate that increase in concentration to a specific health impact. The reason is the same: such models are designed to determine regional, population-wide health impacts, and simply are not accurate when applied at the local level." [SJVAPCD brief, p.10]

- SCAQMD highlights that CARB indicated that a CARB methodology of analysis for $PM_{2.5}$ health impacts is not suited for a project such as this one. "Also, the California Air Resources Board (CARB) has developed a methodology that can predict expected mortality (premature deaths) from large amounts of $PM_{2.5}$… SCAQMD used the CARB

methodology to predict impacts from three very large power plants (e.g., 731-1837 lbs/day). Again, this project involved large amounts of additional $PM_{2.5}$ in the District, up to 2.82 tons/day (5,650 lbs/day of $PM_{2.5}$, or 1029 tons/year… However, the primary author of the CARB methodology has reported that this $PM_{2.5}$ health impact methodology is not suited for small projects and may yield unreliable results due to various uncertainties." "Among these uncertainties are the representativeness of the population used in the methodology, and the specific source of PM and the corresponding health impacts." [SCAQMD brief, p.14]. Here, the maximum operational emissions of $PM_{2.5}$ are 47.28 lbs/day. This is 0.8% of the ones that were used in the CARB methodology.

- The development of new technical approaches in the future may change the feasibility determination. To date, SCAQMD has not developed or approved a method to predict health impacts from criteria pollutants. "Moreover, what is reasonably feasible may change over time as scientists and regulatory agencies continually seek to improve their ability to predict health impacts. For example, CARB staff has been directed by its Governing Board to reassess and improve the methodology for estimating premature deaths." [SCAQMD brief, p.16]

SCAG addressed the potential health implications of significant emissions that would result from implementation of the Connect SoCal RTP/SCS in the Connect SoCal RTP/SCS EIR.[6]

For the reasons set forth above, it is not currently feasible to relate the Project's air quality impacts to likely health consequences. Both SCAQMD and SJVACPD are responsible for assessing ozone and PM impacts regionally, and the potential health consequences from those on a regional basis. The current evaluation on the limitations and uncertainties of existing tools is consistent with SCAQMD and SJVAPCD findings. Currently available regional modeling tools are not designed to capture changes in pollutant concentrations for this Project that would be meaningful. This is due in part to a relatively course spatial resolution (e.g., greater than 4-kilometer x 4 kilometer) which makes it speculative to discern local project impacts on air quality.

3.3 EXISTING CONDITIONS FOR TOXIC EMISSIONS

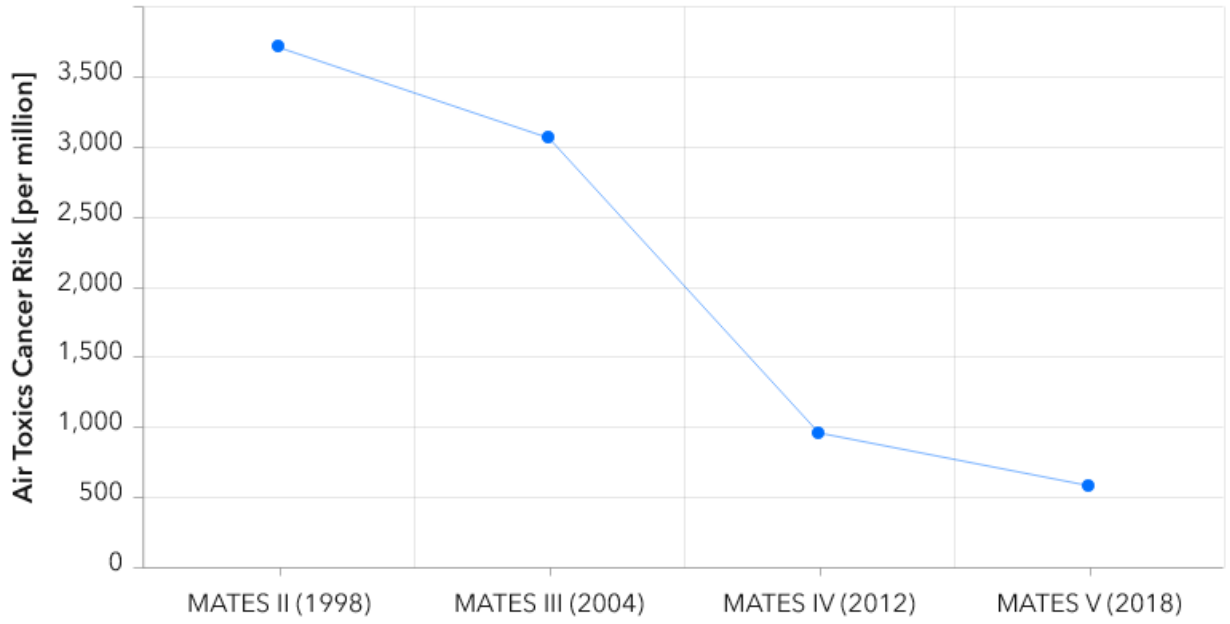
There are no state or federal ambient air quality standards applicable to TAC emissions. Preparing a cumulative assessment for TACs is complicated by the fact that site-specific impacts can be far different from average impacts over a larger geographic area. Impacts from TAC emissions are highest closest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

[6] The full discussion can be found on page 3.3-61 through -65, available online here: https://scag.ca.gov/sites/main/files/file-attachments/fpeir_connectsocal_complete.pdf?1607981618

3.4 SUMMARY OF EXISTING BACKGROUND TACS

The SCAQMD has conducted an in-depth periodic analysis of toxic air contaminants and their resulting health risks within the air basin. This study, the *Multiple Air Toxics Exposure Study in the South Coast Air Quality Management District*, shows that cancer risk has decreased by approximately 84% between MATES II (1998) and MATES V (2018) at the nearest monitored location to the Project site (Long Beach) (17), as shown on Exhibit 3-A.

EXHIBIT 3-A: AIR TOXICS CANCER RISK TRENDS – LONG BEACH



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

The SCAQMD has published a report on how to address cumulative impacts from air pollution: White Paper on Potential Control Strategies to Address Cumulative Impacts from Air Pollution (18). In this report SCAQMD states (Page D-3):

"…the AQMD uses the same significance thresholds for project specific and cumulative impacts for all environmental topics analyzed in an Environmental Assessment or EIR. The only case where the significance thresholds for project specific and cumulative impacts differ is the Hazard Index (HI) significance threshold for toxic air contaminant (TAC) emissions. The project specific (project increment) significance threshold is HI > 1.0 while the cumulative (facility-wide) is HI > 3.0. It

should be noted that the HI is only one of three TAC emission significance thresholds considered (when applicable) in a CEQA analysis. The other two are the maximum individual cancer risk (MICR) and the cancer burden, both of which use the same significance thresholds (MICR of 10 in 1 million and cancer burden of 0.5) for project specific and cumulative impacts.

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

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

3.5 JUSTIFICATION OF A GEOGRAPHIC SCOPE IN RISK ASSESSMENT

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

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

Lastly, the Waters Bill (AB 3205) (H&SC Section, 42301.6 through 42301.9) (15) addresses sources of hazardous air pollutants near schools and although not directly applicable to this project, this bill further evidences the propriety of considering hazardous emissions sources within a defined 1,000-foot radius. That is, pursuant to the Waters Bill, prior to approving an application for a permit to construct or modify a source which emits hazardous air emissions (i.e. DPM), which source is located within 1,000 feet from the outer boundary of a school site, the air pollution control officer shall prepare a public notice in which the proposed project or modification for which the application for a permit is made is fully described.

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

location. Assessments should sum individual hazards or risks to find the cumulative impact at the location of the maximally impacted receptor from the new source.

More recent studies suggest that in light of emission reductions due to tightening emission standards over the past twenty years, this 1,000-foot siting distance is overly conservative. Modeling performed for the 2021 report *Evaluating Siting Distances for New Sensitive Receptors Near Warehouses*, prepared by the Ramboll Group, demonstrates a significant reduction in DPM emissions and risk between year 2000 emissions (which were utilized by CARB in establishing its recommended siting guidance of 1,000 feet) and 2023 (19). This reduction is attributed to a significant reduction in DPM emission rates from trucks and TRUs resulting from the adoption of increasingly stringent emission standards. This reduction in DPM emission rates has resulted in a corresponding significant reduction in risk as well, despite increasingly conservative regulatory guidance in the preparation of HRAs, particularly OEHHA's adoption of age sensitivity factors in their revised HRA guidance released in 2015.

3.6 RELATED PROJECTS CONTRIBUTION TO CUMULATIVE TAC IMPACTS

As noted above, SCAQMD does not currently have a separate methodology or threshold to evaluate a project's contribution to cumulative cancer risk. Instead, "[p]rojects that exceed the project-specific significance thresholds are considered by the SCAQMD to be cumulatively considerable."

As explained in Section 2.7 above, the Project does not exceed the SCAQMD project-specific significance threshold of an excess cancer risk of 10 in one million, and would therefore not have a cumulatively considerable health risk impact.

In consultation with the Lead Agency, related TAC-generating projects located within a 1,000-foot radius of the Project and off-site truck travel routes were identified and are reflected in this cumulative TAC analysis.

It should be noted that there were no cumulative projects identified in the Project's traffic study within 1,000 feet of the Project site or primary truck routes. Of the cumulative projects identified in the Project's traffic study, the following projects have the potential to emit TACs:

- LB1: 6151-6191 Atlantic Avenue (20,150 sf warehouse)
- LB4: 5860 Paramount Boulevard (189,300 sf warehouse)

The primary TAC-source emission associated with the cumulative projects would be DPM associated with any truck trips accessing the cumulative projects and traveling on roadways in the study area. As such, the estimated health risks from these cumulative projects has been totaled. The total maximum estimated cancer risk associated with the cumulative projects identified above is estimated to be 0.41 in one million. This estimate is based on based on the proposed square footage of all industrial-related land uses, previously completed environmental documentation, and Urban Crossroads' professional expertise in the preparation of health risk assessments. It is important to note that the risk value of 0.41 from related projects is likely a very conservative overstatement of the actual risk that is likely to occur at any given location. As a conservative measure to overstate rather than understate the potential risk impacts this

analysis assumes that the maximum impact from each related project overlaps and would occur at the same location in the Project vicinity.

3.7 PROJECT MAXIMUM CONTRIBUTION TO CUMULATIVE TAC IMPACTS

Project-source TACs would incrementally increase the background cancer risk by a maximum of 1.06 or 7.58 incidents per million population under Tenant Use Option 1 and Tenant Use Option 5, respectively. The applicable SCAQMD significance threshold for Project-level TAC-source cancer risk impacts is 10 incidents per million population. Similarly, SCAQMD significance thresholds state that Project contributions to cumulative TAC-source cancer risks would be cumulatively considerable if greater than 10 incidents per million population would occur. The maximum incremental risk resulting from the Project is therefore not significant, nor cumulatively considerable.

3.8 CUMULATIVE IMPACTS

The Project's contribution is less than cumulatively considerable because it is less than the 10 in one million incremental cancer risk threshold established by the SCAQMD. Lastly, it should be noted that although there will be ambient growth in the Project vicinity, any increase in emissions and consequently cancer risk from ambient growth would be offset by the expected decrease in future risk estimates due to the natural turnover of older fleets and equipment being replaced by more efficient, less polluting engines and regulatory actions being phased in.

As noted above in Section 3.7, the Project's maximum contribution to cumulative TAC Impacts would not be cumulatively considerable. As previously noted, the risk value of 0.41 from related projects is likely a very conservative overstatement of the actual risk that is likely to occur at any given location. As an extremely conservative measure to overstate rather than understate the potential risk impacts this analysis assumes that the maximum impact from each related project overlaps and would occur at the same location in the Project vicinity for the residential, school child, and worker exposure scenarios.

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5 CERTIFICATIONS

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

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

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University of California, Irvine • June 2006

PROFESSIONAL AFFILIATIONS

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

PROFESSIONAL CERTIFICATIONS

Environmental Site Assessment – American Society for Testing and Materials • June 2013
Planned Communities and Urban Infill – Urban Land Institute • June 2011
Indoor Air Quality and Industrial Hygiene – EMSL Analytical • April 2008
Principles of Ambient Air Monitoring – California Air Resources Board • August 2007
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APPENDIX 2.1:

CALEEMOD OUTPUTS

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Cherry Avenue Warehouse (Construction) Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Cherry Avenue Warehouse (Construction)
Construction Start Date	7/25/2024
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.30
Precipitation (days)	17.4
Location	5900 Cherry Ave, Long Beach, CA 90805, USA
County	Los Angeles-South Coast
City	Long Beach
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	4714
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Long Beach Gas & Oil
App Version	2022.1.1.18

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
Manufacturing	304	1000sqft	6.99	304,344	0.00	—	—	—

Parking Lot	338	Space	1.19	0.00	0.00	—	—	—
Other Asphalt Surfaces	261	1000sqft	5.99	0.00	0.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

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

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	39.7	37.9	53.4	85.8	0.17	2.25	18.0	20.1	2.07	3.30	5.13	—	23,563	23,563	1.18	2.80	40.6	24,467
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	5.05	4.13	40.7	34.3	0.09	1.68	3.55	5.23	1.54	1.23	2.78	—	10,600	10,600	0.46	0.51	0.27	10,763
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	3.79	5.44	11.8	15.5	0.03	0.49	1.97	2.45	0.44	0.48	0.92	—	3,730	3,730	0.17	0.27	2.07	3,818
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.69	0.99	2.15	2.83	0.01	0.09	0.36	0.45	0.08	0.09	0.17	—	618	618	0.03	0.05	0.34	632

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	39.7	37.9	53.4	85.8	0.17	2.25	18.0	20.1	2.07	3.30	5.13	—	23,563	23,563	1.18	2.80	40.6	24,467
2025	4.52	31.7	30.3	47.7	0.07	1.22	2.52	3.73	1.11	0.60	1.72	—	9,832	9,832	0.40	0.30	11.7	9,942
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	5.05	4.13	40.7	34.3	0.09	1.68	3.55	5.23	1.54	1.23	2.78	—	10,600	10,600	0.46	0.51	0.27	10,763
2025	3.37	2.82	22.8	33.5	0.06	0.87	1.99	2.86	0.79	0.48	1.27	—	7,668	7,668	0.32	0.27	0.25	7,756
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	3.79	3.48	11.8	14.3	0.03	0.49	1.97	2.45	0.44	0.48	0.92	—	3,730	3,730	0.17	0.27	2.07	3,818
2025	1.53	5.44	10.3	15.5	0.02	0.40	0.90	1.30	0.36	0.22	0.58	—	3,460	3,460	0.14	0.12	1.90	3,500
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.69	0.64	2.15	2.61	0.01	0.09	0.36	0.45	0.08	0.09	0.17	—	618	618	0.03	0.05	0.34	632
2025	0.28	0.99	1.88	2.83	< 0.005	0.07	0.16	0.24	0.07	0.04	0.11	—	573	573	0.02	0.02	0.31	579

3. Construction Emissions Details

3.1. Demolition (2024) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	38.3	37.5	32.0	75.9	0.06	1.87	—	1.87	1.63	—	1.63	—	6,163	6,163	0.25	0.05	—	6,184

Demolitio	—	—	—	—	—	—	13.2	13.2	—	2.00	2.00	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	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	2.63	2.57	2.19	5.20	< 0.005	0.13	—	0.13	0.11	—	0.11	—	422	422	0.02	< 0.005	—	424
Demolitio n	—	—	—	—	—	—	0.90	0.90	—	0.14	0.14	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.48	0.47	0.40	0.95	< 0.005	0.02	—	0.02	0.02	—	0.02	—	69.9	69.9	< 0.005	< 0.005	—	70.1
Demolitio n	—	—	—	—	—	—	0.16	0.16	—	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	—
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.10	0.11	1.70	0.00	0.00	0.29	0.29	0.00	0.07	0.07	—	318	318	0.01	0.01	1.25	—
Vendor	0.01	< 0.005	0.19	0.09	< 0.005	< 0.005	0.04	0.05	< 0.005	0.01	0.01	—	161	161	0.01	0.02	0.44	—
Hauling	1.29	0.37	21.2	8.15	0.11	0.21	4.45	4.66	0.21	1.22	1.43	—	16,921	16,921	0.91	2.71	38.9	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.01	0.01	0.01	0.10	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	20.9	20.9	< 0.005	< 0.005	0.04	—
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	11.1	11.1	< 0.005	< 0.005	0.01	—
Hauling	0.09	0.02	1.53	0.55	0.01	0.01	0.30	0.32	0.01	0.08	0.10	—	1,159	1,159	0.06	0.19	1.15	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.47	3.47	< 0.005	< 0.005	0.01	—
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.83	1.83	< 0.005	< 0.005	< 0.005	—
Hauling	0.02	< 0.005	0.28	0.10	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	192	192	0.01	0.03	0.19	—

3.3. Site Preparation (2024) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	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	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.15	0.12	1.16	0.97	< 0.005	0.06	—	0.06	0.06	—	0.06	—	151	151	0.01	< 0.005	—	152

Dust From Material Movement	—	—	—	—	—	—	0.16	0.16	—	0.07	0.07	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.02	0.21	0.18	< 0.005	0.01	—	0.01	0.01	—	0.01	—	25.1	25.1	< 0.005	< 0.005	—	25.2
Dust From Material Movement	—	—	—	—	—	—	0.03	0.03	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.08	0.08	1.32	0.00	0.00	0.23	0.23	0.00	0.05	0.05	—	247	247	0.01	0.01	0.97	—
Vendor	0.01	< 0.005	0.08	0.04	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	0.01	—	64.5	64.5	< 0.005	0.01	0.17	—
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	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	6.51	6.51	< 0.005	< 0.005	0.01	—
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.77	1.77	< 0.005	< 0.005	< 0.005	—
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	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.08	1.08	< 0.005	< 0.005	< 0.005	—
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.29	0.29	< 0.005	< 0.005	< 0.005	—

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	—

3.5. Grading (2024) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.73	3.97	37.0	30.9	0.07	1.64	—	1.64	1.51	—	1.51	—	7,554	7,554	0.31	0.06	—	7,580
Dust From Material Movement	—	—	—	—	—	—	2.53	2.53	—	0.97	0.97	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	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	4.73	3.97	37.0	30.9	0.07	1.64	—	1.64	1.51	—	1.51	—	7,554	7,554	0.31	0.06	—	7,580
Dust From Material Movement	—	—	—	—	—	—	2.53	2.53	—	0.97	0.97	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	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	0.45	0.38	3.55	2.96	0.01	0.16	—	0.16	0.14	—	0.14	—	724	724	0.03	0.01	—	727

Dust From Material Movement	—	—	—	—	—	—	0.24	0.24	—	0.09	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	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08	0.07	0.65	0.54	< 0.005	0.03	—	0.03	0.03	—	0.03	—	120	120	< 0.005	< 0.005	—	120
Dust From Material Movement	—	—	—	—	—	—	0.04	0.04	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.10	0.11	1.70	0.00	0.00	0.29	0.29	0.00	0.07	0.07	—	318	318	0.01	0.01	1.25	—
Vendor	0.02	0.01	0.27	0.13	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	226	226	0.01	0.03	0.61	—
Hauling	0.19	0.05	3.15	1.21	0.02	0.03	0.66	0.69	0.03	0.18	0.21	—	2,518	2,518	0.14	0.40	5.79	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.10	0.13	1.43	0.00	0.00	0.29	0.29	0.00	0.07	0.07	—	301	301	0.01	0.01	0.03	—
Vendor	0.02	0.01	0.28	0.13	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	226	226	0.01	0.03	0.02	—
Hauling	0.19	0.05	3.27	1.21	0.02	0.03	0.66	0.69	0.03	0.18	0.21	—	2,519	2,519	0.14	0.40	0.15	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.14	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	29.3	29.3	< 0.005	< 0.005	0.05	—
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	21.7	21.7	< 0.005	< 0.005	0.03	—
Hauling	0.02	0.01	0.32	0.12	< 0.005	< 0.005	0.06	0.07	< 0.005	0.02	0.02	—	241	241	0.01	0.04	0.24	—

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	4.85	4.85	< 0.005	< 0.005	0.01	—
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.59	3.59	< 0.005	< 0.005	< 0.005	—
Hauling	< 0.005	< 0.005	0.06	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	40.0	40.0	< 0.005	0.01	0.04	—

3.7. Building Construction (2024) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.86	2.39	22.3	25.5	0.05	0.98	—	0.98	0.90	—	0.90	—	4,818	4,818	0.20	0.04	—	4,834
Onsite truck	0.00	0.00	0.00	0.00	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	0.35	0.29	2.71	3.09	0.01	0.12	—	0.12	0.11	—	0.11	—	585	585	0.02	< 0.005	—	587
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.05	0.49	0.56	< 0.005	0.02	—	0.02	0.02	—	0.02	—	96.8	96.8	< 0.005	< 0.005	—	97.1
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	—
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.63	0.57	0.72	8.15	0.00	0.00	1.67	1.67	0.00	0.39	0.39	—	1,711	1,711	0.08	0.06	0.18	—
Vendor	0.09	0.04	1.46	0.71	0.01	0.02	0.32	0.33	0.02	0.09	0.10	—	1,194	1,194	0.05	0.16	0.08	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.09	1.04	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	211	211	0.01	0.01	0.37	—
Vendor	0.01	< 0.005	0.18	0.08	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	145	145	0.01	0.02	0.17	—
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	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.02	0.19	0.00	0.00	0.04	0.04	0.00	0.01	0.01	—	34.9	34.9	< 0.005	< 0.005	0.06	—
Vendor	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	24.0	24.0	< 0.005	< 0.005	0.03	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—

3.9. Building Construction (2025) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.68	2.24	20.8	25.3	0.05	0.85	—	0.85	0.78	—	0.78	—	4,818	4,818	0.20	0.04	—	4,834
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.68	2.24	20.8	25.3	0.05	0.85	—	0.85	0.78	—	0.78	—	4,818	4,818	0.20	0.04	—	4,834
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.14	0.96	8.87	10.8	0.02	0.36	—	0.36	0.33	—	0.33	—	2,055	2,055	0.08	0.02	—	2,062
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.21	0.17	1.62	1.97	< 0.005	0.07	—	0.07	0.06	—	0.06	—	340	340	0.01	< 0.005	—	341
Onsite truck	0.00	0.00	0.00	0.00	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	0.61	0.55	0.55	8.89	0.00	0.00	1.67	1.67	0.00	0.39	0.39	—	1,767	1,767	0.07	0.06	6.47	—
Vendor	0.08	0.03	1.33	0.65	0.01	0.02	0.32	0.33	0.01	0.09	0.10	—	1,174	1,174	0.05	0.16	3.21	—
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	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.61	0.54	0.61	7.54	0.00	0.00	1.67	1.67	0.00	0.39	0.39	—	1,675	1,675	0.08	0.06	0.17	—
Vendor	0.08	0.03	1.39	0.66	0.01	0.02	0.32	0.33	0.01	0.09	0.10	—	1,174	1,174	0.05	0.16	0.08	—
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.26	0.23	0.28	3.38	0.00	0.00	0.70	0.70	0.00	0.17	0.17	—	725	725	0.03	0.03	1.19	—
Vendor	0.04	0.01	0.60	0.28	< 0.005	0.01	0.13	0.14	< 0.005	0.04	0.04	—	501	501	0.02	0.07	0.59	—
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	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.05	0.62	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	120	120	0.01	< 0.005	0.20	—
Vendor	0.01	< 0.005	0.11	0.05	< 0.005	< 0.005	0.02	0.03	< 0.005	0.01	0.01	—	82.9	82.9	< 0.005	0.01	0.10	—
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	—

3.11. Paving (2025) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.95	0.80	7.45	9.98	0.01	0.35	—	0.35	0.32	—	0.32	—	1,511	1,511	0.06	0.01	—	1,517
Paving	—	0.70	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	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	0.07	0.06	0.55	0.74	< 0.005	0.03	—	0.03	0.02	—	0.02	—	112	112	< 0.005	< 0.005	—	112
Paving	—	0.05	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.10	0.13	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	18.5	18.5	< 0.005	< 0.005	—	18.6
Paving	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.06	1.04	0.00	0.00	0.20	0.20	0.00	0.05	0.05	—	207	207	0.01	0.01	0.76	—
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	—
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	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	0.01	0.07	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	14.8	14.8	< 0.005	< 0.005	0.02	—
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	—
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	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.44	2.44	< 0.005	< 0.005	< 0.005	—
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	—
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	—

3.13. Architectural Coating (2025) - Unmitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Architectural Coatings	—	27.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Architectural Coatings	—	4.10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Architectural Coatings	—	0.75	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	—
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.11	0.11	1.78	0.00	0.00	0.33	0.33	0.00	0.08	0.08	—	353	353	0.01	0.01	1.29	—

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	—
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	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.24	0.00	0.00	0.05	0.05	0.00	0.01	0.01	—	51.2	51.2	< 0.005	< 0.005	0.08	—
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	—
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	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	8.48	8.48	< 0.005	< 0.005	0.01	—
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	—
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	—

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

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

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

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

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

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

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

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

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Demolition	Demolition	7/25/2024	8/28/2024	5.00	25.0	—
Site Preparation	Site Preparation	8/29/2024	9/11/2024	5.00	10.0	—
Grading	Grading	9/12/2024	10/30/2024	5.00	35.0	—
Building Construction	Building Construction	10/31/2024	8/6/2025	5.00	200	—
Paving	Paving	7/1/2025	8/6/2025	5.00	27.0	—
Architectural Coating	Architectural Coating	5/22/2025	8/6/2025	5.00	55.0	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition	Rubber Tired Dozers	Diesel	Average	2.00	8.00	367	0.40
Demolition	Excavators	Diesel	Average	3.00	8.00	36.0	0.38
Demolition	Concrete/Industrial Saws	Diesel	Average	1.00	8.00	33.0	0.73
Demolition	Crushing/Proc. Equipment	Gasoline	Average	1.00	8.00	12.0	0.85
Demolition	Off-Highway Trucks	Diesel	Average	2.00	8.00	376	0.38
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	Graders	Diesel	Average	1.00	8.00	148	0.41
Grading	Excavators	Diesel	Average	1.00	8.00	36.0	0.38
Grading	Scrapers	Diesel	Average	4.00	4.00	423	0.48
Grading	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Grading	Crawler Tractors	Diesel	Average	1.00	8.00	87.0	0.43
Grading	Off-Highway Trucks	Diesel	Average	1.00	8.00	376	0.38
Building Construction	Forklifts	Diesel	Average	5.00	8.00	82.0	0.20

Building Construction	Generator Sets	Diesel	Average	2.00	8.00	14.0	0.74
Building Construction	Cranes	Diesel	Average	2.00	8.00	367	0.29
Building Construction	Welders	Diesel	Average	2.00	8.00	46.0	0.45
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	5.00	8.00	84.0	0.37
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	Other Material Handling Equipment	Electric	Average	1.00	8.00	93.0	0.40

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition	—	—	—	—
Demolition	Worker	22.5	18.5	LDA,LDT1,LDT2
Demolition	Vendor	5.00	10.2	HHDT,MHDT
Demolition	Hauling	240	20.0	HHDT
Demolition	Onsite truck	—	—	HHDT
Site Preparation	—	—	—	—
Site Preparation	Worker	17.5	18.5	LDA,LDT1,LDT2
Site Preparation	Vendor	2.00	10.2	HHDT,MHDT
Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	22.5	18.5	LDA,LDT1,LDT2
Grading	Vendor	7.00	10.2	HHDT,MHDT

Grading	Hauling	35.7	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	128	18.5	LDA,LDT1,LDT2
Building Construction	Vendor	37.0	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	25.6	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	456,516	152,172	18,757

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (cy)	Material Exported (cy)	Acres Graded (acres)	Material Demolished (Ton of Debris)	Acres Paved (acres)
Demolition	0.00	0.00	0.00	24,000	—
Site Preparation	—	—	35.0	0.00	—
Grading	—	10,000	123	0.00	—
Paving	0.00	0.00	0.00	0.00	7.18

5.6.2. Construction Earthmoving Control Strategies

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

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Manufacturing	0.00	0%
Parking Lot	1.19	100%
Other Asphalt Surfaces	5.99	100%

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	532	0.03	< 0.005
2025	222	532	0.03	< 0.005

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

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

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

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

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	6.75	annual days of extreme heat
Extreme Precipitation	4.10	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	0.00	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider different increments of sea level rise coupled with extreme storm events. Users may select from four model simulations to view the range in potential inundation depth for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 50 meters (m) by 50 m, or about 164 feet (ft) by 164 ft.
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

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

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

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A

Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

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

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

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

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	29.9
AQ-PM	83.0
AQ-DPM	64.6
Drinking Water	34.7
Lead Risk Housing	93.7
Pesticides	41.1
Toxic Releases	95.5
Traffic	52.6
Effect Indicators	—

CleanUp Sites	73.4
Groundwater	97.7
Haz Waste Facilities/Generators	97.4
Impaired Water Bodies	66.7
Solid Waste	93.2
Sensitive Population	—
Asthma	91.1
Cardio-vascular	89.0
Low Birth Weights	85.5
Socioeconomic Factor Indicators	—
Education	78.8
Housing	80.7
Linguistic	54.6
Poverty	67.2
Unemployment	60.6

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	32.60618504
Employed	27.51186963
Median HI	42.25587065
Education	—
Bachelor's or higher	18.42679328
High school enrollment	100
Preschool enrollment	36.10932888

Transportation	—
Auto Access	64.27563198
Active commuting	62.96676505
Social	—
2-parent households	24.09854998
Voting	9.354548954
Neighborhood	—
Alcohol availability	10.88156037
Park access	36.08366483
Retail density	68.71551392
Supermarket access	88.31002181
Tree canopy	37.89298088
Housing	—
Homeownership	47.09354549
Housing habitability	21.81444886
Low-inc homeowner severe housing cost burden	7.827537534
Low-inc renter severe housing cost burden	66.09778006
Uncrowded housing	25.445913
Health Outcomes	—
Insured adults	22.85384319
Arthritis	73.2
Asthma ER Admissions	11.6
High Blood Pressure	74.3
Cancer (excluding skin)	80.0
Asthma	34.7
Coronary Heart Disease	66.7
Chronic Obstructive Pulmonary Disease	45.1

Diagnosed Diabetes	33.2
Life Expectancy at Birth	24.0
Cognitively Disabled	35.0
Physically Disabled	25.6
Heart Attack ER Admissions	19.5
Mental Health Not Good	27.0
Chronic Kidney Disease	55.3
Obesity	30.7
Pedestrian Injuries	19.6
Physical Health Not Good	30.0
Stroke	45.2
Health Risk Behaviors	—
Binge Drinking	60.3
Current Smoker	25.4
No Leisure Time for Physical Activity	31.1
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	53.3
Elderly	86.8
English Speaking	28.6
Foreign-born	66.4
Outdoor Workers	40.1
Climate Change Adaptive Capacity	—
Impervious Surface Cover	18.0
Traffic Density	74.9
Traffic Access	23.0

Other Indices	—
Hardship	77.0
Other Decision Support	—
2016 Voting	3.6

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	99.0
Healthy Places Index Score for Project Location (b)	29.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	Yes
Project Located in a Low-Income Community (Assembly Bill 1550)	Yes
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

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

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Land Use	Total Project area is 14.16 acres
Construction: Construction Phases	Construction schedule based on information provided by the Applicant.
Construction: Off-Road Equipment	Equipment based on information provided by the Client

Construction: Trips and VMT	Vendor Trips adjusted based on CalEEMod defaults for Building Construction and number of days for Demolition, Site Preparation, Grading, and Building Construction
Construction: Architectural Coatings	Rule 1113

Cherry Avenue Warehouse (Operations) Option 1 Detailed Report

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8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Cherry Avenue Warehouse (Operations) Option 1
Operational Year	2025
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.30
Precipitation (days)	17.4
Location	5900 Cherry Ave, Long Beach, CA 90805, USA
County	Los Angeles-South Coast
City	Long Beach
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	4714
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Long Beach Gas & Oil
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
Manufacturing	304	1000sqft	6.99	304,344	0.00	—	—	—

User Defined Industrial	304	User Defined Unit	0.00	0.00	0.00	—	—	—
Parking Lot	338	Space	1.19	0.00	0.00	—	—	—
Other Asphalt Surfaces	261	1000sqft	5.99	0.00	0.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

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.	8.85	14.9	19.7	69.2	0.25	0.35	14.7	15.1	0.33	3.80	4.14	338	26,314	26,652	35.2	2.78	111	28,473
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	6.47	12.7	20.6	51.4	0.24	0.33	14.7	15.1	0.32	3.80	4.12	338	25,745	26,083	35.2	2.81	30.6	27,831
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	6.41	12.7	15.8	50.0	0.19	0.24	11.5	11.7	0.22	2.97	3.19	338	20,420	20,758	35.0	2.28	56.7	22,371
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.17	2.33	2.89	9.13	0.03	0.04	2.10	2.14	0.04	0.54	0.58	56.0	3,381	3,437	5.80	0.38	9.38	3,704

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	5.96	4.87	18.2	54.7	0.24	0.26	14.7	15.0	0.24	3.80	4.04	—	25,550	25,550	1.02	2.44	82.8	26,387
Area	2.35	9.51	0.11	13.2	< 0.005	0.02	—	0.02	0.02	—	0.02	—	54.4	54.4	< 0.005	< 0.005	—	54.6
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Water	—	—	—	—	—	—	—	—	—	—	—	135	458	592	13.9	0.33	—	1,039
Waste	—	—	—	—	—	—	—	—	—	—	—	203	0.00	203	20.3	0.00	—	712
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	28.5	28.5
Stationary	0.54	0.49	1.38	1.26	< 0.005	0.07	0.00	0.07	0.07	0.00	0.07	0.00	252	252	0.01	< 0.005	0.00	253
Total	8.85	14.9	19.7	69.2	0.25	0.35	14.7	15.1	0.33	3.80	4.14	338	26,314	26,652	35.2	2.78	111	28,473
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	5.93	4.84	19.2	50.1	0.24	0.26	14.7	15.0	0.24	3.80	4.05	—	25,036	25,036	1.04	2.47	2.15	25,800
Area	—	7.33	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Water	—	—	—	—	—	—	—	—	—	—	—	135	458	592	13.9	0.33	—	1,039
Waste	—	—	—	—	—	—	—	—	—	—	—	203	0.00	203	20.3	0.00	—	712
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	28.5	28.5
Stationary	0.54	0.49	1.38	1.26	< 0.005	0.07	0.00	0.07	0.07	0.00	0.07	0.00	252	252	0.01	< 0.005	0.00	253
Total	6.47	12.7	20.6	51.4	0.24	0.33	14.7	15.1	0.32	3.80	4.12	338	25,745	26,083	35.2	2.81	30.6	27,831
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	4.65	3.79	15.4	40.6	0.19	0.20	11.5	11.7	0.19	2.97	3.16	—	19,856	19,856	0.82	1.95	28.2	20,486
Area	1.61	8.82	0.08	9.06	< 0.005	0.02	—	0.02	0.01	—	0.01	—	37.3	37.3	< 0.005	< 0.005	—	37.4

Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Water	—	—	—	—	—	—	—	—	—	—	—	135	458	592	13.9	0.33	—	1,039
Waste	—	—	—	—	—	—	—	—	—	—	—	203	0.00	203	20.3	0.00	—	712
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	28.5	28.5
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	6.41	12.7	15.8	50.0	0.19	0.24	11.5	11.7	0.22	2.97	3.19	338	20,420	20,758	35.0	2.28	56.7	22,371
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.85	0.69	2.80	7.41	0.03	0.04	2.10	2.14	0.04	0.54	0.58	—	3,287	3,287	0.14	0.32	4.67	3,392
Area	0.29	1.61	0.01	1.65	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	6.17	6.17	< 0.005	< 0.005	—	6.19
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Water	—	—	—	—	—	—	—	—	—	—	—	22.3	75.8	98.1	2.30	0.06	—	172
Waste	—	—	—	—	—	—	—	—	—	—	—	33.7	0.00	33.7	3.37	0.00	—	118
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4.71	4.71
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	1.17	2.33	2.89	9.13	0.03	0.04	2.10	2.14	0.04	0.54	0.58	56.0	3,381	3,437	5.80	0.38	9.38	3,704

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Manufact	4.97	4.53	2.65	47.7	0.10	0.05	10.1	10.1	0.05	2.55	2.60	—	10,395	10,395	0.42	0.27	36.4	10,522
User Defined Industrial	0.99	0.34	15.6	7.05	0.14	0.20	4.65	4.85	0.19	1.25	1.44	—	15,155	15,155	0.60	2.18	46.4	15,865
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
Total	5.96	4.87	18.2	54.7	0.24	0.26	14.7	15.0	0.24	3.80	4.04	—	25,550	25,550	1.02	2.44	82.8	26,387
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	4.96	4.50	2.99	43.1	0.10	0.05	10.1	10.1	0.05	2.55	2.60	—	9,878	9,878	0.44	0.29	0.94	9,977
User Defined Industrial	0.98	0.34	16.2	7.04	0.14	0.20	4.65	4.85	0.19	1.25	1.44	—	15,157	15,157	0.60	2.18	1.20	15,823
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
Total	5.93	4.84	19.2	50.1	0.24	0.26	14.7	15.0	0.24	3.80	4.05	—	25,036	25,036	1.04	2.47	2.15	25,800
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	0.71	0.64	0.44	6.40	0.01	0.01	1.44	1.44	0.01	0.36	0.37	—	1,308	1,308	0.06	0.04	2.05	1,323
User Defined Industrial	0.14	0.05	2.37	1.01	0.02	0.03	0.66	0.69	0.03	0.18	0.21	—	1,979	1,979	0.08	0.28	2.62	2,069
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

Total	0.85	0.69	2.80	7.41	0.03	0.04	2.10	2.14	0.04	0.54	0.58	—	3,287	3,287	0.14	0.32	4.67	3,392

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00

Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	0.00	0.00	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
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

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	0.00	0.00	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
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
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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	0.00	0.00	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
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
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	—	6.54	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.80	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	2.35	2.17	0.11	13.2	< 0.005	0.02	—	0.02	0.02	—	0.02	—	54.4	54.4	< 0.005	< 0.005	—	54.6
Total	2.35	9.51	0.11	13.2	< 0.005	0.02	—	0.02	0.02	—	0.02	—	54.4	54.4	< 0.005	< 0.005	—	54.6
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	6.54	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.80	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	7.33	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	1.19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.29	0.27	0.01	1.65	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	6.17	6.17	< 0.005	< 0.005	—	6.19
Total	0.29	1.61	0.01	1.65	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	6.17	6.17	< 0.005	< 0.005	—	6.19

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	135	458	592	13.9	0.33	—	1,039
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	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
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	135	458	592	13.9	0.33	—	1,039
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	135	458	592	13.9	0.33	—	1,039
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	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
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	135	458	592	13.9	0.33	—	1,039

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	22.3	75.8	98.1	2.30	0.06	—	172
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	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
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	22.3	75.8	98.1	2.30	0.06	—	172

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	203	0.00	203	20.3	0.00	—	712
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	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
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	203	0.00	203	20.3	0.00	—	712

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	203	0.00	203	20.3	0.00	—	712
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	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
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	203	0.00	203	20.3	0.00	—	712
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	33.7	0.00	33.7	3.37	0.00	—	118
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	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
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	33.7	0.00	33.7	3.37	0.00	—	118

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	28.5	28.5
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	28.5	28.5
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	28.5	28.5
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	28.5	28.5
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4.71	4.71
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4.71	4.71

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

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

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	0.54	0.49	1.38	1.26	< 0.005	0.07	0.00	0.07	0.07	0.00	0.07	0.00	252	252	0.01	< 0.005	0.00	253
Total	0.54	0.49	1.38	1.26	< 0.005	0.07	0.00	0.07	0.07	0.00	0.07	0.00	252	252	0.01	< 0.005	0.00	253
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	0.54	0.49	1.38	1.26	< 0.005	0.07	0.00	0.07	0.07	0.00	0.07	0.00	252	252	0.01	< 0.005	0.00	253
Total	0.54	0.49	1.38	1.26	< 0.005	0.07	0.00	0.07	0.07	0.00	0.07	0.00	252	252	0.01	< 0.005	0.00	253
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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

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

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

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

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

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

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

5. Activity Data

5.9. 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
Manufacturing	1,310	410	273	377,137	14,410	4,513	2,998	4,148,508

User Defined Industrial	138	43.2	28.7	39,727	5,244	1,642	1,092	1,509,640
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

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

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	456,516	152,172	18,757

5.10.3. Landscape Equipment

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)
Manufacturing	0.00	349	0.0330	0.0040	0.00
User Defined Industrial	0.00	349	0.0330	0.0040	0.00

Parking Lot	0.00	349	0.0330	0.0040	0.00
Other Asphalt Surfaces	0.00	349	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)
Manufacturing	70,379,550	0.00
User Defined Industrial	0.00	0.00
Parking Lot	0.00	0.00
Other Asphalt Surfaces	0.00	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Manufacturing	377	—
User Defined Industrial	0.00	—
Parking Lot	0.00	—
Other Asphalt Surfaces	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
Manufacturing	Other commercial A/C and heat pumps	User Defined	750	0.30	4.00	4.00	18.0

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

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	0.50	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. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

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

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

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

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	6.75	annual days of extreme heat
Extreme Precipitation	4.10	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	0.00	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about 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	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

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

6.3. Adjusted Climate Risk Scores

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

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

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

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

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	29.9
AQ-PM	83.0
AQ-DPM	64.6
Drinking Water	34.7
Lead Risk Housing	93.7
Pesticides	41.1
Toxic Releases	95.5
Traffic	52.6
Effect Indicators	—
CleanUp Sites	73.4
Groundwater	97.7
Haz Waste Facilities/Generators	97.4
Impaired Water Bodies	66.7
Solid Waste	93.2
Sensitive Population	—
Asthma	91.1
Cardio-vascular	89.0
Low Birth Weights	85.5
Socioeconomic Factor Indicators	—

Education	78.8
Housing	80.7
Linguistic	54.6
Poverty	67.2
Unemployment	60.6

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	32.60618504
Employed	27.51186963
Median HI	42.25587065
Education	—
Bachelor's or higher	18.42679328
High school enrollment	100
Preschool enrollment	36.10932888
Transportation	—
Auto Access	64.27563198
Active commuting	62.96676505
Social	—
2-parent households	24.09854998
Voting	9.354548954
Neighborhood	—
Alcohol availability	10.88156037
Park access	36.08366483
Retail density	68.71551392

Supermarket access	88.31002181
Tree canopy	37.89298088
Housing	—
Homeownership	47.09354549
Housing habitability	21.81444886
Low-inc homeowner severe housing cost burden	7.827537534
Low-inc renter severe housing cost burden	66.09778006
Uncrowded housing	25.445913
Health Outcomes	—
Insured adults	22.85384319
Arthritis	73.2
Asthma ER Admissions	11.6
High Blood Pressure	74.3
Cancer (excluding skin)	80.0
Asthma	34.7
Coronary Heart Disease	66.7
Chronic Obstructive Pulmonary Disease	45.1
Diagnosed Diabetes	33.2
Life Expectancy at Birth	24.0
Cognitively Disabled	35.0
Physically Disabled	25.6
Heart Attack ER Admissions	19.5
Mental Health Not Good	27.0
Chronic Kidney Disease	55.3
Obesity	30.7
Pedestrian Injuries	19.6
Physical Health Not Good	30.0

Stroke	45.2
Health Risk Behaviors	—
Binge Drinking	60.3
Current Smoker	25.4
No Leisure Time for Physical Activity	31.1
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	53.3
Elderly	86.8
English Speaking	28.6
Foreign-born	66.4
Outdoor Workers	40.1
Climate Change Adaptive Capacity	—
Impervious Surface Cover	18.0
Traffic Density	74.9
Traffic Access	23.0
Other Indices	—
Hardship	77.0
Other Decision Support	—
2016 Voting	3.6

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	99.0
Healthy Places Index Score for Project Location (b)	29.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	Yes

Project Located in a Low-Income Community (Assembly Bill 1550)	Yes
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

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

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Land Use	Project site is 14.16 acres
Operations: Vehicle Data	Trip characteristics based on information provided in the Traffic analysis
Operations: Fleet Mix	Passenger Car Mix estimated based on the CalEEMod default fleet mix and the ratio of the vehicle classes (LDA, LDT1, LDT2, MDV, & MCY). Truck Mix based on information in the Traffic analysis
Operations: Energy Use	Project energy demand will be offset with solar. Project will not utilize natural gas.
Operations: Refrigerants	As of 1 January 2022, new commercial refrigeration equipment may not use refrigerants with a GWP of 150 or greater. Further, R-404A (the CalEEMod default) is unacceptable for new supermarket and cold storage systems as of 1 January 2019 and 2023, respectively. Beginning 1 January 2025, all new air conditioning equipment may not use refrigerants with a GWP of 750 or greater.

Cherry Avenue Warehouse (Operations) Option 5 Detailed Report

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8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Cherry Avenue Warehouse (Operations) Option 5
Operational Year	2025
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.30
Precipitation (days)	17.4
Location	5900 Cherry Ave, Long Beach, CA 90805, USA
County	Los Angeles-South Coast
City	Long Beach
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	4714
EDFZ	7
Electric Utility	Southern California Edison
Gas Utility	Long Beach Gas & Oil
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
Refrigerated Warehouse-No Rail	304	1000sqft	6.99	304,344	0.00	—	—	—

User Defined Industrial	304	User Defined Unit	0.00	0.00	0.00	—	—	—
Parking Lot	338	Space	1.19	0.00	0.00	—	—	—
Other Asphalt Surfaces	261	1000sqft	5.99	0.00	0.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

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.	7.19	13.1	30.3	44.6	0.25	0.57	11.0	11.5	0.55	2.90	3.45	289	27,168	27,457	30.3	3.54	405	29,676
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	4.82	10.9	31.3	29.8	0.25	0.55	11.0	11.5	0.53	2.90	3.44	289	26,952	27,241	30.3	3.55	313	29,371
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	4.56	10.9	21.7	30.9	0.19	0.33	8.52	8.86	0.32	2.26	2.57	289	20,911	21,200	30.1	2.86	342	23,146
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.83	1.98	3.96	5.63	0.03	0.06	1.56	1.62	0.06	0.41	0.47	47.9	3,462	3,510	4.98	0.47	56.7	3,832

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	3.22	2.12	24.0	27.6	0.24	0.33	11.0	11.3	0.31	2.90	3.22	—	25,901	25,901	1.01	3.20	94.7	26,975
Area	2.35	9.51	0.11	13.2	< 0.005	0.02	—	0.02	0.02	—	0.02	—	54.4	54.4	< 0.005	< 0.005	—	54.6
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Water	—	—	—	—	—	—	—	—	—	—	—	135	458	592	13.9	0.33	—	1,039
Waste	—	—	—	—	—	—	—	—	—	—	—	154	0.00	154	15.4	0.00	—	539
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	310	310
Stationary	1.62	1.48	6.19	3.77	0.01	0.22	0.00	0.22	0.22	0.00	0.22	0.00	756	756	0.03	0.01	0.00	758
Total	7.19	13.1	30.3	44.6	0.25	0.57	11.0	11.5	0.55	2.90	3.45	289	27,168	27,457	30.3	3.54	405	29,676
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	3.19	2.10	25.1	26.1	0.24	0.33	11.0	11.3	0.31	2.90	3.22	—	25,739	25,739	1.01	3.21	2.46	26,725
Area	—	7.33	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Water	—	—	—	—	—	—	—	—	—	—	—	135	458	592	13.9	0.33	—	1,039
Waste	—	—	—	—	—	—	—	—	—	—	—	154	0.00	154	15.4	0.00	—	539
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	310	310
Stationary	1.62	1.48	6.19	3.77	0.01	0.22	0.00	0.22	0.22	0.00	0.22	0.00	756	756	0.03	0.01	0.00	758
Total	4.82	10.9	31.3	29.8	0.25	0.55	11.0	11.5	0.53	2.90	3.44	289	26,952	27,241	30.3	3.55	313	29,371
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	2.50	1.64	19.9	20.8	0.19	0.26	8.52	8.78	0.25	2.26	2.50	—	20,209	20,209	0.79	2.52	32.1	21,012
Area	1.61	8.82	0.08	9.06	< 0.005	0.02	—	0.02	0.01	—	0.01	—	37.3	37.3	< 0.005	< 0.005	—	37.4

Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Water	—	—	—	—	—	—	—	—	—	—	—	135	458	592	13.9	0.33	—	1,039
Waste	—	—	—	—	—	—	—	—	—	—	—	154	0.00	154	15.4	0.00	—	539
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	310	310
Stationary	0.44	0.40	1.70	1.03	< 0.005	0.06	0.00	0.06	0.06	0.00	0.06	0.00	207	207	0.01	< 0.005	0.00	208
Total	4.56	10.9	21.7	30.9	0.19	0.33	8.52	8.86	0.32	2.26	2.57	289	20,911	21,200	30.1	2.86	342	23,146
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.46	0.30	3.64	3.79	0.03	0.05	1.56	1.60	0.04	0.41	0.46	—	3,346	3,346	0.13	0.42	5.31	3,479
Area	0.29	1.61	0.01	1.65	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	6.17	6.17	< 0.005	< 0.005	—	6.19
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Water	—	—	—	—	—	—	—	—	—	—	—	22.3	75.8	98.1	2.30	0.06	—	172
Waste	—	—	—	—	—	—	—	—	—	—	—	25.5	0.00	25.5	2.55	0.00	—	89.3
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	51.4	51.4
Stationary	0.08	0.07	0.31	0.19	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	34.3	34.3	< 0.005	< 0.005	0.00	34.4
Total	0.83	1.98	3.96	5.63	0.03	0.06	1.56	1.62	0.06	0.41	0.47	47.9	3,462	3,510	4.98	0.47	56.7	3,832

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Refrigera Warehouse-No Rail	1.59	1.44	0.84	15.2	0.03	0.02	3.22	3.24	0.02	0.81	0.83	—	3,317	3,317	0.13	0.09	11.6	3,357
User Defined Industrial	1.63	0.68	23.2	12.4	0.21	0.31	7.76	8.07	0.30	2.09	2.39	—	22,584	22,584	0.87	3.12	83.1	23,618
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
Total	3.22	2.12	24.0	27.6	0.24	0.33	11.0	11.3	0.31	2.90	3.22	—	25,901	25,901	1.01	3.20	94.7	26,975
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Refrigerated Warehouse-No Rail	1.58	1.44	0.95	13.7	0.03	0.02	3.22	3.24	0.02	0.81	0.83	—	3,152	3,152	0.14	0.09	0.30	3,183
User Defined Industrial	1.61	0.66	24.1	12.3	0.21	0.31	7.76	8.07	0.30	2.09	2.39	—	22,587	22,587	0.87	3.12	2.16	23,541
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
Total	3.19	2.10	25.1	26.1	0.24	0.33	11.0	11.3	0.31	2.90	3.22	—	25,739	25,739	1.01	3.21	2.46	26,725
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Refrigerated Warehouse-No Rail	0.22	0.20	0.14	2.03	< 0.005	< 0.005	0.46	0.46	< 0.005	0.12	0.12	—	415	415	0.02	0.01	0.65	420

User Defined Industrial	0.23	0.10	3.50	1.76	0.03	0.04	1.10	1.14	0.04	0.30	0.34	—	2,931	2,931	0.11	0.41	4.66	3,059
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
Total	0.46	0.30	3.64	3.79	0.03	0.05	1.56	1.60	0.04	0.41	0.46	—	3,346	3,346	0.13	0.42	5.31	3,479

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00

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

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Refrigerated 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
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
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
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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Refrigerated 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
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
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
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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Refrigerated 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
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
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
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	—	6.54	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.80	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	2.35	2.17	0.11	13.2	< 0.005	0.02	—	0.02	0.02	—	0.02	—	54.4	54.4	< 0.005	< 0.005	—	54.6

Total	2.35	9.51	0.11	13.2	< 0.005	0.02	—	0.02	0.02	—	0.02	—	54.4	54.4	< 0.005	< 0.005	—	54.6
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	6.54	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.80	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	7.33	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	1.19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.29	0.27	0.01	1.65	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	6.17	6.17	< 0.005	< 0.005	—	6.19
Total	0.29	1.61	0.01	1.65	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	6.17	6.17	< 0.005	< 0.005	—	6.19

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Refrigera Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	135	458	592	13.9	0.33	—	1,039
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	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
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	135	458	592	13.9	0.33	—	1,039
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	135	458	592	13.9	0.33	—	1,039
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	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
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	135	458	592	13.9	0.33	—	1,039
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	22.3	75.8	98.1	2.30	0.06	—	172

User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	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
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	22.3	75.8	98.1	2.30	0.06	—	172

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	154	0.00	154	15.4	0.00	—	539
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	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
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	154	0.00	154	15.4	0.00	—	539

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	154	0.00	154	15.4	0.00	—	539
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	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
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	154	0.00	154	15.4	0.00	—	539
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	25.5	0.00	25.5	2.55	0.00	—	89.3
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	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
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	25.5	0.00	25.5	2.55	0.00	—	89.3

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)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	310	310
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	310	310
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	310	310
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	310	310
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	51.4	51.4
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	51.4	51.4

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

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	0.27	0.25	0.69	0.63	< 0.005	0.04	0.00	0.04	0.04	0.00	0.04	0.00	126	126	0.01	< 0.005	0.00	126
Emergency Generator	1.35	1.23	5.50	3.14	0.01	0.18	0.00	0.18	0.18	0.00	0.18	0.00	630	630	0.03	< 0.005	0.00	632
Total	1.62	1.48	6.19	3.77	0.01	0.22	0.00	0.22	0.22	0.00	0.22	0.00	756	756	0.03	0.01	0.00	758

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	0.27	0.25	0.69	0.63	< 0.005	0.04	0.00	0.04	0.04	0.00	0.04	0.00	126	126	0.01	< 0.005	0.00	126
Emergency Generator	1.35	1.23	5.50	3.14	0.01	0.18	0.00	0.18	0.18	0.00	0.18	0.00	630	630	0.03	< 0.005	0.00	632
Total	1.62	1.48	6.19	3.77	0.01	0.22	0.00	0.22	0.22	0.00	0.22	0.00	756	756	0.03	0.01	0.00	758
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	0.01	0.01	0.03	0.03	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	5.71	5.71	< 0.005	< 0.005	0.00	5.73
Emergency Generator	0.07	0.06	0.28	0.16	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	28.6	28.6	< 0.005	< 0.005	0.00	28.7
Total	0.08	0.07	0.31	0.19	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	34.3	34.3	< 0.005	< 0.005	0.00	34.4

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	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

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

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

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

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

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

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

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

5. Activity Data

5.9. 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
Refrigerated Warehouse-No Rail	418	36.4	167	119,593	4,598	401	1,839	1,315,524
User Defined Industrial	230	20.0	92.0	65,804	8,740	761	3,496	2,500,549
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

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

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	456,516	152,172	18,757

5.10.3. Landscape Equipment

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)
Refrigerated Warehouse-No Rail	0.00	349	0.0330	0.0040	0.00
User Defined Industrial	0.00	349	0.0330	0.0040	0.00
Parking Lot	0.00	349	0.0330	0.0040	0.00
Other Asphalt Surfaces	0.00	349	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)
Refrigerated Warehouse-No Rail	70,379,550	0.00
User Defined Industrial	0.00	0.00
Parking Lot	0.00	0.00
Other Asphalt Surfaces	0.00	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Refrigerated Warehouse-No Rail	286	—
User Defined Industrial	0.00	—
Parking Lot	0.00	—
Other Asphalt Surfaces	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
Refrigerated Warehouse-No Rail	Cold storage	User Defined	150	7.50	7.50	7.50	25.0

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

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	0.50	50.0	300	0.73
Emergency Generator	Diesel	1.00	0.50	50.0	1,500	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. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

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

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

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

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	6.75	annual days of extreme heat
Extreme Precipitation	4.10	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	0.00	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about 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	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A

Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

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

6.3. Adjusted Climate Risk Scores

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

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

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

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

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	29.9
AQ-PM	83.0
AQ-DPM	64.6
Drinking Water	34.7
Lead Risk Housing	93.7
Pesticides	41.1
Toxic Releases	95.5
Traffic	52.6
Effect Indicators	—
CleanUp Sites	73.4
Groundwater	97.7
Haz Waste Facilities/Generators	97.4
Impaired Water Bodies	66.7
Solid Waste	93.2
Sensitive Population	—
Asthma	91.1
Cardio-vascular	89.0
Low Birth Weights	85.5
Socioeconomic Factor Indicators	—
Education	78.8
Housing	80.7
Linguistic	54.6
Poverty	67.2

Unemployment	60.6

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	32.60618504
Employed	27.51186963
Median HI	42.25587065
Education	—
Bachelor's or higher	18.42679328
High school enrollment	100
Preschool enrollment	36.10932888
Transportation	—
Auto Access	64.27563198
Active commuting	62.96676505
Social	—
2-parent households	24.09854998
Voting	9.354548954
Neighborhood	—
Alcohol availability	10.88156037
Park access	36.08366483
Retail density	68.71551392
Supermarket access	88.31002181
Tree canopy	37.89298088
Housing	—
Homeownership	47.09354549

Housing habitability	21.81444886
Low-inc homeowner severe housing cost burden	7.827537534
Low-inc renter severe housing cost burden	66.09778006
Uncrowded housing	25.445913
Health Outcomes	—
Insured adults	22.85384319
Arthritis	73.2
Asthma ER Admissions	11.6
High Blood Pressure	74.3
Cancer (excluding skin)	80.0
Asthma	34.7
Coronary Heart Disease	66.7
Chronic Obstructive Pulmonary Disease	45.1
Diagnosed Diabetes	33.2
Life Expectancy at Birth	24.0
Cognitively Disabled	35.0
Physically Disabled	25.6
Heart Attack ER Admissions	19.5
Mental Health Not Good	27.0
Chronic Kidney Disease	55.3
Obesity	30.7
Pedestrian Injuries	19.6
Physical Health Not Good	30.0
Stroke	45.2
Health Risk Behaviors	—
Binge Drinking	60.3
Current Smoker	25.4

No Leisure Time for Physical Activity	31.1
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	53.3
Elderly	86.8
English Speaking	28.6
Foreign-born	66.4
Outdoor Workers	40.1
Climate Change Adaptive Capacity	—
Impervious Surface Cover	18.0
Traffic Density	74.9
Traffic Access	23.0
Other Indices	—
Hardship	77.0
Other Decision Support	—
2016 Voting	3.6

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	99.0
Healthy Places Index Score for Project Location (b)	29.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	Yes
Project Located in a Low-Income Community (Assembly Bill 1550)	Yes
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

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

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Land Use	Total Project area is 14.16 acres
Operations: Vehicle Data	Trip characteristics based on information provided in the Traffic analysis
Operations: Fleet Mix	Passenger Car Mix estimated based on the CalEEMod default fleet mix and the ratio of the vehicle classes (LDA, LDT1, LDT2, MDV, & MCY). Truck Mix based on information in the Traffic analysis
Operations: Energy Use	Project energy demand will be offset with solar. Project will not utilize natural gas.
Operations: Refrigerants	As of 1 January 2022, new commercial refrigeration equipment may not use refrigerants with a GWP of 150 or greater. Further, R-404A (the CalEEMod default) is unacceptable for new supermarket and cold storage systems as of 1 January 2019 and 2023, respectively.

APPENDIX 2.2:

EMFAC EMISSIONS SUMMARY

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Emissions	Phase	Lb/Day	# Days	Emissions	Avg/Lb Day	Avg/Hourly
On-Site	Demolition	1.87	25	46.75	1.87	0.23375
Exhaust PM-10	Site Preparation	2.25	10	22.5	2.25	0.28125
	Grading	1.64	35	57.4	1.64	0.205
	Building Construction	0.92	200	183	0.915	0.114375
	Paving	0.35	27	9.45	0.35	0.04375
	Architectural Coatings	0.00	55	0	0	0
		7.03	270	319.1	1.181851852	0.147731481
Off-Site	Demolition	2.15E-01	25	5.375	0.215	0.026875
Exhaust PM-10	Site Preparation	5.00E-03	10	0.05	0.005	0.000625
	Grading	3.50E-02	35	1.225	0.035	0.004375
	Building Construction	2.00E-02	200	4	0.02	0.0025
	Paving	0.00E+00	27	0	0	0
	Architectural Coatings	0.00E+00	55	0	0	0
		2.75E-01	270	10.65	0.039444444	0.004930556

Phase	Start Date	End Date	No. Days
Demolition	7/25/2024	8/28/2024	25
Site Preparation	8/29/2024	9/11/2024	10
Grading	9/12/2024	10/30/2024	35
Building Construction	10/31/2024	8/6/2025	200
Paving	7/1/2025	8/6/2025	27
Arch Coatings	5/22/2025	8/6/2025	55
		Total Days of Construction	**270**

AVERAGE EMISSION FACTOR
LOS ANGELES COUNTY 2025

Speed	LHD1	LHD2	MHD	HHD
0	0.258157	0.47588	0.050933	0.01376
5	0.020324	0.037098	0.033268	0.01310
25	0.009621	0.017856	0.008695	0.00638

Speed	**Weighted Average Emissions**
0	**0.07140**
5	**0.01903**
25	**0.00770**

Truck Emission Rates							
Source	Trucks Per Day	VMT [a] (miles/day)	Truck Emission Rate [b] (grams/mile)	Truck Emission Rate [b] (grams/idle-hour)	TRU Emissions (grams/day)	Daily Truck Emissions [c] (grams/day)	Modeled Emission Rates (g/second)
On-Site Idling - Loading Docks	69			0.0714	0.00	1.23	1.426E-05
On-Site Idling - Trailer Stalls 1	23			0.0714	0.00	0.41	4.752E-06
On-Site Idling - Trailer Stalls 2	23			0.0714	0.00	0.41	4.752E-06
On-Site Idling - Trailer Stalls 3	23			0.0714	0.00	0.41	4.752E-06
On-Site Travel	138	59.96	0.0190		0.00	1.14	1.321E-05
On-Site Travel - Trailer Stalls	138	17.49	0.0190		0.00	0.33	3.853E-06
Off-Site Travel - Cherry Ave. 85%	117	115.83	0.0077		0.00	0.89	1.033E-05
Off-Site Travel - Cherry Ave. 15%	21	2.78	0.0077		0.00	0.02	2.475E-07
Off-Site Travel - Cherry Ave. 5%	7	1.22	0.0077		0.00	0.01	1.089E-07
Off-Site Travel - South St. 10%	14	3.44	0.0077		0.00	0.03	3.071E-07

[a] Vehicle miles traveled are for modeled truck route only and are calculated by multiplying the number of trucks per day by the segment length.

[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.

Tenant Use Option 1

calendar_y	season_m	sub_area	vehicle_class	fuel	temperatur	relative_hu	process	speed_tim	pollutant	emission_rate
2025	Annual	Los Angele	HHDT	Dsl	60	70	RUNEX	5	PM10	0.014557
2025	Annual	Los Angele	HHDT	Dsl	60	70	RUNEX	25	PM10	0.007096
2025	Annual	Los Angele	HHDT	Dsl			IDLEX		PM10	0.015295
2025	Annual	Los Angele	LHDT1	Dsl	60	70	RUNEX	5	PM10	0.0632
2025	Annual	Los Angele	LHDT1	Dsl	60	70	RUNEX	25	PM10	0.029919
2025	Annual	Los Angele	LHDT1	Dsl			IDLEX		PM10	0.802779
2025	Annual	Los Angele	LHDT2	Dsl	60	70	RUNEX	5	PM10	0.063353
2025	Annual	Los Angele	LHDT2	Dsl	60	70	RUNEX	25	PM10	0.030492
2025	Annual	Los Angele	LHDT2	Dsl			IDLEX		PM10	0.812665
2025	Annual	Los Angele	MHDT	Dsl	60	70	RUNEX	5	PM10	0.041169
2025	Annual	Los Angele	MHDT	Dsl	60	70	RUNEX	25	PM10	0.01076
2025	Annual	Los Angele	MHDT	Dsl			IDLEX		PM10	0.06303

Source: EMFAC2021 (v1.0.2) Emissions Inventory
Region Type: Sub-Area
Region: Los Angeles (SC)
Calendar Year: 2025
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for CVMT and EVMT, trips/day for Trips, kWh/day for Energy Consumption, tons/day for Emissions, 1000 gallons/day for Fuel Consumption

Region	Calendar `	Vehicle Ca	Model Yea	Speed	Fuel	Population
Los Angel	2025	HHDT	Aggregate	Aggregate	Gasoline	38.0097
Los Angel	2025	HHDT	Aggregate	Aggregate	Diesel	53941.6
Los Angel	2025	HHDT	Aggregate	Aggregate	Natural Ga	5971.19
Los Angel	2025	LHDT1	Aggregate	Aggregate	Gasoline	123870
Los Angel	2025	LHDT1	Aggregate	Aggregate	Diesel	58715.7
Los Angel	2025	LHDT2	Aggregate	Aggregate	Gasoline	18894.5
Los Angel	2025	LHDT2	Aggregate	Aggregate	Diesel	26698.1
Los Angel	2025	MHDT	Aggregate	Aggregate	Gasoline	14351
Los Angel	2025	MHDT	Aggregate	Aggregate	Diesel	60424.5
Los Angel	2025	MHDT	Aggregate	Aggregate	Natural Ga	931.986

HHDT% GAS/NG	0.10024
HHDT% DSL	0.89976
LHDT1% GAS	0.67842
LHDT1% DSL	0.32158
LHDT2% GAS	0.41442
LHDT2% DSL	0.58558
MHDT% GAS	0.19192
MHDT% DSL	0.80808

AVERAGE EMISSION FACTOR
LOS ANGELES COUNTY 2025

Speed	LHD1	LHD2	MHD	HHD
0	0.258157	0.47588	0.050933	0.01376
5	0.020324	0.037098	0.033268	0.01310
25	0.009621	0.017856	0.008695	0.00638

Speed	**Weighted Average Emissions**
0	**0.11811**
5	**0.01906**
25	**0.00834**

Tenant Use Option 5

Truck Emission Rates							
Source	Trucks Per Day	VMT [a] (miles/day)	Truck Emission Rate [b] (grams/mile)	Truck Emission Rate [b] (grams/idle-hour)	TRU Emissions (grams/day)	Daily Truck Emissions [c] (grams/day)	Modeled Emission Rates (g/second)
On-Site Idling - Loading Docks	114			0.1181	24.19	3.37	3.190E-04
On-Site Idling - Trailer Stalls 1	38			0.1181	8.06	1.12	1.063E-04
On-Site Idling - Trailer Stalls 2	38			0.1181	8.06	1.12	1.063E-04
On-Site Idling - Trailer Stalls 3	38			0.1181	8.06	1.12	1.063E-04
On-Site Travel	228	99.05	0.0191		8.41	1.89	1.192E-04
On-Site Travel - Trailer Stalls	228	28.90	0.0191		2.45	0.55	3.477E-05
Off-Site Travel - Cherry Ave. 85%	194	191.33	0.0083		3.25	1.60	5.608E-05
Off-Site Travel - Cherry Ave. 15%	34	4.59	0.0083		0.08	0.04	1.344E-06
Off-Site Travel - Cherry Ave. 5%	11	2.02	0.0083		0.03	0.02	5.912E-07
Off-Site Travel - South St. 10%	23	5.69	0.0083		0.10	0.05	1.667E-06

[a] Vehicle miles traveled are for modeled truck route only and are calculated by multiplying the number of trucks per day by the segment length.

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

[c] This column includes the total truck travel and truck idle emissions. For idle emissions this column includes emissions based on the assumption that each truck idles for 15 minutes and each TRU idles for 30 minutes.

Tenant Use Option 5

calendar_y	season_m	sub_area	vehicle_class	fuel	temperatur	relative_hu	process	speed_tim	pollutant	emission_rate
2025	Annual	Los Angele	HHDT	Dsl	60	70	RUNEX	5	PM10	0.014557
2025	Annual	Los Angele	HHDT	Dsl	60	70	RUNEX	25	PM10	0.007096
2025	Annual	Los Angele	HHDT	Dsl			IDLEX		PM10	0.015295
2025	Annual	Los Angele	LHDT1	Dsl	60	70	RUNEX	5	PM10	0.0632
2025	Annual	Los Angele	LHDT1	Dsl	60	70	RUNEX	25	PM10	0.029919
2025	Annual	Los Angele	LHDT1	Dsl			IDLEX		PM10	0.802779
2025	Annual	Los Angele	LHDT2	Dsl	60	70	RUNEX	5	PM10	0.063353
2025	Annual	Los Angele	LHDT2	Dsl	60	70	RUNEX	25	PM10	0.030492
2025	Annual	Los Angele	LHDT2	Dsl			IDLEX		PM10	0.812665
2025	Annual	Los Angele	MHDT	Dsl	60	70	RUNEX	5	PM10	0.041169
2025	Annual	Los Angele	MHDT	Dsl	60	70	RUNEX	25	PM10	0.01076
2025	Annual	Los Angele	MHDT	Dsl			IDLEX		PM10	0.06303

Source: EMFAC2021 (v1.0.2) Emissions Inventory
Region Type: Sub-Area
Region: Los Angeles (SC)
Calendar Year: 2025
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for CVMT and EVMT, trips/day for Trips, kWh/day for Energy Consumption, tons/day for Emissions, 1000 gallons/day for Fuel Consumption

Region	Calendar `	Vehicle Ca	Model Yea	Speed	Fuel	Population
Los Angel	2025	HHDT	Aggregate	Aggregate	Gasoline	38.0097
Los Angel	2025	HHDT	Aggregate	Aggregate	Diesel	53941.6
Los Angel	2025	HHDT	Aggregate	Aggregate	Natural Ga	5971.19
Los Angel	2025	LHDT1	Aggregate	Aggregate	Gasoline	123870
Los Angel	2025	LHDT1	Aggregate	Aggregate	Diesel	58715.7
Los Angel	2025	LHDT2	Aggregate	Aggregate	Gasoline	18894.5
Los Angel	2025	LHDT2	Aggregate	Aggregate	Diesel	26698.1
Los Angel	2025	MHDT	Aggregate	Aggregate	Gasoline	14351
Los Angel	2025	MHDT	Aggregate	Aggregate	Diesel	60424.5
Los Angel	2025	MHDT	Aggregate	Aggregate	Natural Ga	931.986

HHDT% GAS/NG	0.10024
HHDT% DSL	0.89976
LHDT1% GAS	0.67842
LHDT1% DSL	0.32158
LHDT2% GAS	0.41442
LHDT2% DSL	0.58558
MHDT% GAS	0.19192
MHDT% DSL	0.80808

APPENDIX 2.3:

AERMOD MODEL INPUT/OUTPUT

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```
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 11.2.0
** Lakes Environmental Software Inc.
** Date: 9/11/2023
** File: C:\Users\Michael Tirohn\Desktop\HRAs\14715 Cherry Avenue\14715 Construction\14715
Construction.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\14715 Cherry Avenue\14715 Ops\1
   MODELOPT DFAULT CONC
   AVERTIME PERIOD
   URBANOPT 9818605 Los_Angeles_County
   POLLUTID DPM
   RUNORNOT RUN
   ERRORFIL "14715 Construction.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL1         VOLUME     391943.208  3747610.854       29.000
   LOCATION VOL2         VOLUME     391988.322  3747611.103       29.000
   LOCATION VOL3         VOLUME     392033.192  3747611.353       29.000
   LOCATION VOL4         VOLUME     392078.063  3747611.353       29.000
   LOCATION VOL5         VOLUME     392122.683  3747610.854       29.000
   LOCATION VOL6         VOLUME     392167.553  3747610.355       29.000
   LOCATION VOL7         VOLUME     392175.780  3747610.355       29.000
   LOCATION VOL8         VOLUME     392175.032  3747565.735       29.000
   LOCATION VOL9         VOLUME     392129.663  3747565.984       29.000
   LOCATION VOL10        VOLUME     392084.658  3747566.557       29.000
   LOCATION VOL11        VOLUME     392040.161  3747566.557       29.000
   LOCATION VOL12        VOLUME     391995.664  3747566.345       29.000
   LOCATION VOL13        VOLUME     391951.379  3747566.133       29.000
   LOCATION VOL14        VOLUME     391942.692  3747566.133       29.000
   LOCATION VOL15        VOLUME     391942.904  3747521.636       29.000
   LOCATION VOL16        VOLUME     391987.401  3747522.060       29.000
   LOCATION VOL17        VOLUME     392031.897  3747521.636       29.000
   LOCATION VOL18        VOLUME     392076.394  3747521.424       29.000
   LOCATION VOL19        VOLUME     392121.315  3747521.424       29.000
   LOCATION VOL20        VOLUME     392165.812  3747521.636       29.000
   LOCATION VOL21        VOLUME     392210.944  3747521.213       29.000
   LOCATION VOL22        VOLUME     392219.632  3747557.022       29.000
   LOCATION VOL23        VOLUME     392237.219  3747556.598       29.000
   LOCATION VOL24        VOLUME     392256.924  3747546.639       29.000
   LOCATION VOL25        VOLUME     392256.501  3747502.142       29.000
   LOCATION VOL26        VOLUME     392256.501  3747482.437       29.000
   LOCATION VOL27        VOLUME     392211.368  3747482.649       29.000
   LOCATION VOL28        VOLUME     392166.871  3747483.284       29.000
   LOCATION VOL29        VOLUME     392121.739  3747482.649       29.000
   LOCATION VOL30        VOLUME     392076.394  3747483.496       29.000
```

```
   LOCATION VOL31        VOLUME     392031.897  3747483.708       29.000
   LOCATION VOL32        VOLUME     391987.189  3747483.920       29.000
   LOCATION VOL33        VOLUME     391942.692  3747483.920       29.000
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE1
** DESCRSRC
** PREFIX
** Length of Side = 14.00
** Configuration = Adjacent
** Emission Rate = 0.0006211696
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 9
** 391907.109, 3747466.589, 29.00, 3.49, 6.51
** 391908.801, 3747704.819, 29.00, 3.49, 6.51
** 391910.210, 3748046.517, 29.00, 3.49, 6.51
** 391911.620, 3748103.185, 29.00, 3.49, 6.51
** 391912.184, 3748313.222, 29.00, 3.49, 6.51
** 391913.030, 3748616.859, 29.00, 3.49, 6.51
** 391913.876, 3748916.831, 29.00, 3.49, 6.51
** 391915.285, 3749023.964, 29.00, 3.49, 6.51
** 391912.466, 3749073.302, 29.00, 3.49, 6.51
** ----------------------------------------------------------------------
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   LOCATION L0000002     VOLUME   391907.258 3747487.589 29.00
   LOCATION L0000003     VOLUME   391907.358 3747501.588 29.00
   LOCATION L0000004     VOLUME   391907.457 3747515.588 29.00
   LOCATION L0000005     VOLUME   391907.557 3747529.588 29.00
   LOCATION L0000006     VOLUME   391907.656 3747543.587 29.00
   LOCATION L0000007     VOLUME   391907.755 3747557.587 29.00
   LOCATION L0000008     VOLUME   391907.855 3747571.586 29.00
   LOCATION L0000009     VOLUME   391907.954 3747585.586 29.00
   LOCATION L0000010     VOLUME   391908.054 3747599.586 29.00
   LOCATION L0000011     VOLUME   391908.153 3747613.585 29.00
   LOCATION L0000012     VOLUME   391908.252 3747627.585 29.00
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   LOCATION L0000015     VOLUME   391908.551 3747669.584 29.00
   LOCATION L0000016     VOLUME   391908.650 3747683.584 29.00
   LOCATION L0000017     VOLUME   391908.749 3747697.583 29.00
   LOCATION L0000018     VOLUME   391908.829 3747711.583 29.00
   LOCATION L0000019     VOLUME   391908.887 3747725.583 29.00
   LOCATION L0000020     VOLUME   391908.944 3747739.583 29.00
   LOCATION L0000021     VOLUME   391909.002 3747753.583 29.00
   LOCATION L0000022     VOLUME   391909.060 3747767.583 29.00
   LOCATION L0000023     VOLUME   391909.118 3747781.582 29.00
   LOCATION L0000024     VOLUME   391909.175 3747795.582 29.00
   LOCATION L0000025     VOLUME   391909.233 3747809.582 29.00
   LOCATION L0000026     VOLUME   391909.291 3747823.582 29.00
   LOCATION L0000027     VOLUME   391909.349 3747837.582 29.00
   LOCATION L0000028     VOLUME   391909.406 3747851.582 29.00
   LOCATION L0000029     VOLUME   391909.464 3747865.582 29.00
   LOCATION L0000030     VOLUME   391909.522 3747879.582 29.00
   LOCATION L0000031     VOLUME   391909.580 3747893.581 29.00
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   LOCATION L0000034     VOLUME   391909.753 3747935.581 29.00
   LOCATION L0000035     VOLUME   391909.811 3747949.581 29.00
   LOCATION L0000036     VOLUME   391909.868 3747963.581 29.00
   LOCATION L0000037     VOLUME   391909.926 3747977.581 29.00
   LOCATION L0000038     VOLUME   391909.984 3747991.581 29.00
   LOCATION L0000039     VOLUME   391910.042 3748005.581 29.00
   LOCATION L0000040     VOLUME   391910.099 3748019.580 29.00
   LOCATION L0000041     VOLUME   391910.157 3748033.580 29.00
   LOCATION L0000042     VOLUME   391910.237 3748047.580 29.00
```

LOCATION L0000043 VOLUME 391910.585 3748061.576 29.00
LOCATION L0000044 VOLUME 391910.933 3748075.571 29.00
LOCATION L0000045 VOLUME 391911.281 3748089.567 29.00
LOCATION L0000046 VOLUME 391911.621 3748103.563 29.00
LOCATION L0000047 VOLUME 391911.659 3748117.563 29.00
LOCATION L0000048 VOLUME 391911.696 3748131.563 29.00
LOCATION L0000049 VOLUME 391911.734 3748145.563 29.00
LOCATION L0000050 VOLUME 391911.771 3748159.562 29.00
LOCATION L0000051 VOLUME 391911.809 3748173.562 29.00
LOCATION L0000052 VOLUME 391911.847 3748187.562 29.00
LOCATION L0000053 VOLUME 391911.884 3748201.562 29.00
LOCATION L0000054 VOLUME 391911.922 3748215.562 29.00
LOCATION L0000055 VOLUME 391911.959 3748229.562 29.00
LOCATION L0000056 VOLUME 391911.997 3748243.562 29.00
LOCATION L0000057 VOLUME 391912.035 3748257.562 29.00
LOCATION L0000058 VOLUME 391912.072 3748271.562 29.00
LOCATION L0000059 VOLUME 391912.110 3748285.562 29.00
LOCATION L0000060 VOLUME 391912.147 3748299.562 29.00
LOCATION L0000061 VOLUME 391912.185 3748313.562 29.00
LOCATION L0000062 VOLUME 391912.224 3748327.562 29.00
LOCATION L0000063 VOLUME 391912.263 3748341.562 29.00
LOCATION L0000064 VOLUME 391912.302 3748355.562 29.00
LOCATION L0000065 VOLUME 391912.341 3748369.562 29.00
LOCATION L0000066 VOLUME 391912.380 3748383.562 29.00
LOCATION L0000067 VOLUME 391912.419 3748397.562 29.00
LOCATION L0000068 VOLUME 391912.458 3748411.562 29.00
LOCATION L0000069 VOLUME 391912.497 3748425.561 29.00
LOCATION L0000070 VOLUME 391912.536 3748439.561 29.00
LOCATION L0000071 VOLUME 391912.575 3748453.561 29.00
LOCATION L0000072 VOLUME 391912.614 3748467.561 29.00
LOCATION L0000073 VOLUME 391912.653 3748481.561 29.00
LOCATION L0000074 VOLUME 391912.692 3748495.561 29.00
LOCATION L0000075 VOLUME 391912.731 3748509.561 29.00
LOCATION L0000076 VOLUME 391912.770 3748523.561 29.00
LOCATION L0000077 VOLUME 391912.809 3748537.561 29.00
LOCATION L0000078 VOLUME 391912.848 3748551.561 29.00
LOCATION L0000079 VOLUME 391912.887 3748565.561 29.00
LOCATION L0000080 VOLUME 391912.926 3748579.561 29.00
LOCATION L0000081 VOLUME 391912.965 3748593.561 29.00
LOCATION L0000082 VOLUME 391913.004 3748607.561 29.00
LOCATION L0000083 VOLUME 391913.043 3748621.561 29.00
LOCATION L0000084 VOLUME 391913.083 3748635.561 29.00
LOCATION L0000085 VOLUME 391913.122 3748649.561 29.00
LOCATION L0000086 VOLUME 391913.161 3748663.561 29.00
LOCATION L0000087 VOLUME 391913.201 3748677.560 29.00
LOCATION L0000088 VOLUME 391913.240 3748691.560 29.00
LOCATION L0000089 VOLUME 391913.280 3748705.560 29.00
LOCATION L0000090 VOLUME 391913.319 3748719.560 29.00
LOCATION L0000091 VOLUME 391913.359 3748733.560 29.00
LOCATION L0000092 VOLUME 391913.398 3748747.560 29.00
LOCATION L0000093 VOLUME 391913.438 3748761.560 29.00
LOCATION L0000094 VOLUME 391913.477 3748775.560 29.00
LOCATION L0000095 VOLUME 391913.517 3748789.560 29.00
LOCATION L0000096 VOLUME 391913.556 3748803.560 29.00
LOCATION L0000097 VOLUME 391913.596 3748817.560 29.00
LOCATION L0000098 VOLUME 391913.635 3748831.560 29.00
LOCATION L0000099 VOLUME 391913.675 3748845.560 29.00
LOCATION L0000100 VOLUME 391913.714 3748859.560 29.00
LOCATION L0000101 VOLUME 391913.754 3748873.560 29.00
LOCATION L0000102 VOLUME 391913.793 3748887.560 29.00
LOCATION L0000103 VOLUME 391913.833 3748901.560 29.00
LOCATION L0000104 VOLUME 391913.872 3748915.560 29.00
LOCATION L0000105 VOLUME 391914.043 3748929.558 29.00
LOCATION L0000106 VOLUME 391914.227 3748943.557 29.00
LOCATION L0000107 VOLUME 391914.411 3748957.556 29.00
LOCATION L0000108 VOLUME 391914.596 3748971.555 29.00

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   LOCATION L0000109     VOLUME   391914.780 3748985.554 29.00
   LOCATION L0000110     VOLUME   391914.964 3748999.552 29.00
   LOCATION L0000111     VOLUME   391915.148 3749013.551 29.00
   LOCATION L0000112     VOLUME   391915.081 3749027.544 29.00
   LOCATION L0000113     VOLUME   391914.282 3749041.522 29.00
   LOCATION L0000114     VOLUME   391913.483 3749055.499 29.00
   LOCATION L0000115     VOLUME   391912.685 3749069.476 29.00
** End of LINE VOLUME Source ID = SLINE1
** Source Parameters **
   SRCPARAM VOL1         0.0005640562     5.000    10.435     1.400
   SRCPARAM VOL2         0.0005640562     5.000    10.435     1.400
   SRCPARAM VOL3         0.0005640562     5.000    10.435     1.400
   SRCPARAM VOL4         0.0005640562     5.000    10.435     1.400
   SRCPARAM VOL5         0.0005640562     5.000    10.435     1.400
   SRCPARAM VOL6         0.0005640562     5.000    10.435     1.400
   SRCPARAM VOL7         0.0005640562     5.000    10.435     1.400
   SRCPARAM VOL8         0.0005640562     5.000    10.435     1.400
   SRCPARAM VOL9         0.0005640562     5.000    10.435     1.400
   SRCPARAM VOL10        0.0005640562     5.000    10.435     1.400
   SRCPARAM VOL11        0.0005640562     5.000    10.435     1.400
   SRCPARAM VOL12        0.0005640562     5.000    10.435     1.400
   SRCPARAM VOL13        0.0005640562     5.000    10.435     1.400
   SRCPARAM VOL14        0.0005640562     5.000    10.435     1.400
   SRCPARAM VOL15        0.0005640562     5.000    10.435     1.400
   SRCPARAM VOL16        0.0005640562     5.000    10.435     1.400
   SRCPARAM VOL17        0.0005640562     5.000    10.435     1.400
   SRCPARAM VOL18        0.0005640562     5.000    10.435     1.400
   SRCPARAM VOL19        0.0005640562     5.000    10.435     1.400
   SRCPARAM VOL20        0.0005640562     5.000    10.435     1.400
   SRCPARAM VOL21        0.0005640562     5.000    10.435     1.400
   SRCPARAM VOL22        0.0005640562     5.000    10.435     1.400
   SRCPARAM VOL23        0.0005640562     5.000    10.435     1.400
   SRCPARAM VOL24        0.0005640562     5.000    10.435     1.400
   SRCPARAM VOL25        0.0005640562     5.000    10.435     1.400
   SRCPARAM VOL26        0.0005640562     5.000    10.435     1.400
   SRCPARAM VOL27        0.0005640562     5.000    10.435     1.400
   SRCPARAM VOL28        0.0005640562     5.000    10.435     1.400
   SRCPARAM VOL29        0.0005640562     5.000    10.435     1.400
   SRCPARAM VOL30        0.0005640562     5.000    10.435     1.400
   SRCPARAM VOL31        0.0005640562     5.000    10.435     1.400
   SRCPARAM VOL32        0.0005640562     5.000    10.435     1.400
   SRCPARAM VOL33        0.0005640562     5.000    10.435     1.400
** LINE VOLUME Source ID = SLINE1
   SRCPARAM L0000001     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000002     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000003     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000004     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000005     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000006     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000007     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000008     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000009     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000010     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000011     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000012     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000013     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000014     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000015     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000016     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000017     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000018     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000019     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000020     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000021     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000022     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000023     0.000005401      3.49      6.51      3.25
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SRCPARAM L0000024     0.000005401      3.49      6.51      3.25
SRCPARAM L0000025     0.000005401      3.49      6.51      3.25
SRCPARAM L0000026     0.000005401      3.49      6.51      3.25
SRCPARAM L0000027     0.000005401      3.49      6.51      3.25
SRCPARAM L0000028     0.000005401      3.49      6.51      3.25
SRCPARAM L0000029     0.000005401      3.49      6.51      3.25
SRCPARAM L0000030     0.000005401      3.49      6.51      3.25
SRCPARAM L0000031     0.000005401      3.49      6.51      3.25
SRCPARAM L0000032     0.000005401      3.49      6.51      3.25
SRCPARAM L0000033     0.000005401      3.49      6.51      3.25
SRCPARAM L0000034     0.000005401      3.49      6.51      3.25
SRCPARAM L0000035     0.000005401      3.49      6.51      3.25
SRCPARAM L0000036     0.000005401      3.49      6.51      3.25
SRCPARAM L0000037     0.000005401      3.49      6.51      3.25
SRCPARAM L0000038     0.000005401      3.49      6.51      3.25
SRCPARAM L0000039     0.000005401      3.49      6.51      3.25
SRCPARAM L0000040     0.000005401      3.49      6.51      3.25
SRCPARAM L0000041     0.000005401      3.49      6.51      3.25
SRCPARAM L0000042     0.000005401      3.49      6.51      3.25
SRCPARAM L0000043     0.000005401      3.49      6.51      3.25
SRCPARAM L0000044     0.000005401      3.49      6.51      3.25
SRCPARAM L0000045     0.000005401      3.49      6.51      3.25
SRCPARAM L0000046     0.000005401      3.49      6.51      3.25
SRCPARAM L0000047     0.000005401      3.49      6.51      3.25
SRCPARAM L0000048     0.000005401      3.49      6.51      3.25
SRCPARAM L0000049     0.000005401      3.49      6.51      3.25
SRCPARAM L0000050     0.000005401      3.49      6.51      3.25
SRCPARAM L0000051     0.000005401      3.49      6.51      3.25
SRCPARAM L0000052     0.000005401      3.49      6.51      3.25
SRCPARAM L0000053     0.000005401      3.49      6.51      3.25
SRCPARAM L0000054     0.000005401      3.49      6.51      3.25
SRCPARAM L0000055     0.000005401      3.49      6.51      3.25
SRCPARAM L0000056     0.000005401      3.49      6.51      3.25
SRCPARAM L0000057     0.000005401      3.49      6.51      3.25
SRCPARAM L0000058     0.000005401      3.49      6.51      3.25
SRCPARAM L0000059     0.000005401      3.49      6.51      3.25
SRCPARAM L0000060     0.000005401      3.49      6.51      3.25
SRCPARAM L0000061     0.000005401      3.49      6.51      3.25
SRCPARAM L0000062     0.000005401      3.49      6.51      3.25
SRCPARAM L0000063     0.000005401      3.49      6.51      3.25
SRCPARAM L0000064     0.000005401      3.49      6.51      3.25
SRCPARAM L0000065     0.000005401      3.49      6.51      3.25
SRCPARAM L0000066     0.000005401      3.49      6.51      3.25
SRCPARAM L0000067     0.000005401      3.49      6.51      3.25
SRCPARAM L0000068     0.000005401      3.49      6.51      3.25
SRCPARAM L0000069     0.000005401      3.49      6.51      3.25
SRCPARAM L0000070     0.000005401      3.49      6.51      3.25
SRCPARAM L0000071     0.000005401      3.49      6.51      3.25
SRCPARAM L0000072     0.000005401      3.49      6.51      3.25
SRCPARAM L0000073     0.000005401      3.49      6.51      3.25
SRCPARAM L0000074     0.000005401      3.49      6.51      3.25
SRCPARAM L0000075     0.000005401      3.49      6.51      3.25
SRCPARAM L0000076     0.000005401      3.49      6.51      3.25
SRCPARAM L0000077     0.000005401      3.49      6.51      3.25
SRCPARAM L0000078     0.000005401      3.49      6.51      3.25
SRCPARAM L0000079     0.000005401      3.49      6.51      3.25
SRCPARAM L0000080     0.000005401      3.49      6.51      3.25
SRCPARAM L0000081     0.000005401      3.49      6.51      3.25
SRCPARAM L0000082     0.000005401      3.49      6.51      3.25
SRCPARAM L0000083     0.000005401      3.49      6.51      3.25
SRCPARAM L0000084     0.000005401      3.49      6.51      3.25
SRCPARAM L0000085     0.000005401      3.49      6.51      3.25
SRCPARAM L0000086     0.000005401      3.49      6.51      3.25
SRCPARAM L0000087     0.000005401      3.49      6.51      3.25
SRCPARAM L0000088     0.000005401      3.49      6.51      3.25
SRCPARAM L0000089     0.000005401      3.49      6.51      3.25
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   SRCPARAM L0000090     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000091     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000092     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000093     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000094     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000095     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000096     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000097     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000098     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000099     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000100     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000101     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000102     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000103     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000104     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000105     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000106     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000107     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000108     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000109     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000110     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000111     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000112     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000113     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000114     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000115     0.000005401      3.49      6.51      3.25
** ------------------------------------------------------------------
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL1         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL2         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL3         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Saturday:
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 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 0.0 0.0 0.0 0.0
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 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 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 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 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 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 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 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 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** 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 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 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 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 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 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
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   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** 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
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   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:
   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
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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
** Sunday:
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** 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
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   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
   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
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** 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
   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:
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   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
** 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 L0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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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
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
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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
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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
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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
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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
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EMISFACT L0000024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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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
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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
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EMISFACT L0000028     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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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
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EMISFACT L0000032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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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
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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
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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
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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
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EMISFACT L0000037     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000041     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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EMISFACT L0000042     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000042     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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EMISFACT L0000043     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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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
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EMISFACT L0000047     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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EMISFACT L0000050     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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** Saturday:
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SO FINISHED
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** AERMOD Receptor Pathway
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**
**
RE STARTING
   INCLUDED "14715 Construction.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
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ME STARTING
   SURFFILE KLGB_V9_ADJU\KLGB_v9.SFC
   PROFFILE KLGB_V9_ADJU\KLGB_v9.PFL
   SURFDATA 23129 2012
   UAIRDATA 3190 2012
   PROFBASE 10.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
** Auto-Generated Plotfiles
   PLOTFILE PERIOD ALL "14715 CONSTRUCTION.AD\PE00GALL.PLT" 31
   SUMMFILE "14715 Construction.sum"
OU FINISHED
**
**************************************
** Project Parameters
**************************************
** PROJCTN  CoordinateSystemUTM
** DESCPTN  UTM: Universal Transverse Mercator
** DATUM    North American Datum 1983
** DTMRGN   CONUS
** UNITS    m
** ZONE     11
** ZONEINX  0
**
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** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 11.2.0
** Lakes Environmental Software Inc.
** Date: 9/11/2023
** File: C:\Users\Michael Tirohn\Desktop\HRAs\14715 Cherry Avenue\14715 Construction\14715
Construction.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\14715 Cherry Avenue\14715 Ops\1
   MODELOPT DFAULT CONC
   AVERTIME PERIOD
   URBANOPT 9818605 Los_Angeles_County
   POLLUTID DPM
   RUNORNOT RUN
   ERRORFIL "14715 Construction.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION VOL1         VOLUME     391943.208  3747610.854       29.000
   LOCATION VOL2         VOLUME     391988.322  3747611.103       29.000
   LOCATION VOL3         VOLUME     392033.192  3747611.353       29.000
   LOCATION VOL4         VOLUME     392078.063  3747611.353       29.000
   LOCATION VOL5         VOLUME     392122.683  3747610.854       29.000
   LOCATION VOL6         VOLUME     392167.553  3747610.355       29.000
   LOCATION VOL7         VOLUME     392175.780  3747610.355       29.000
   LOCATION VOL8         VOLUME     392175.032  3747565.735       29.000
   LOCATION VOL9         VOLUME     392129.663  3747565.984       29.000
   LOCATION VOL10        VOLUME     392084.658  3747566.557       29.000
   LOCATION VOL11        VOLUME     392040.161  3747566.557       29.000
   LOCATION VOL12        VOLUME     391995.664  3747566.345       29.000
   LOCATION VOL13        VOLUME     391951.379  3747566.133       29.000
   LOCATION VOL14        VOLUME     391942.692  3747566.133       29.000
   LOCATION VOL15        VOLUME     391942.904  3747521.636       29.000
   LOCATION VOL16        VOLUME     391987.401  3747522.060       29.000
   LOCATION VOL17        VOLUME     392031.897  3747521.636       29.000
   LOCATION VOL18        VOLUME     392076.394  3747521.424       29.000
   LOCATION VOL19        VOLUME     392121.315  3747521.424       29.000
   LOCATION VOL20        VOLUME     392165.812  3747521.636       29.000
   LOCATION VOL21        VOLUME     392210.944  3747521.213       29.000
   LOCATION VOL22        VOLUME     392219.632  3747557.022       29.000
   LOCATION VOL23        VOLUME     392237.219  3747556.598       29.000
   LOCATION VOL24        VOLUME     392256.924  3747546.639       29.000
   LOCATION VOL25        VOLUME     392256.501  3747502.142       29.000
   LOCATION VOL26        VOLUME     392256.501  3747482.437       29.000
   LOCATION VOL27        VOLUME     392211.368  3747482.649       29.000
   LOCATION VOL28        VOLUME     392166.871  3747483.284       29.000
   LOCATION VOL29        VOLUME     392121.739  3747482.649       29.000
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   LOCATION VOL30        VOLUME     392076.394  3747483.496       29.000
   LOCATION VOL31        VOLUME     392031.897  3747483.708       29.000
   LOCATION VOL32        VOLUME     391987.189  3747483.920       29.000
   LOCATION VOL33        VOLUME     391942.692  3747483.920       29.000
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** LINE VOLUME Source ID = SLINE1
** DESCRSRC
** PREFIX
** Length of Side = 14.00
** Configuration = Adjacent
** Emission Rate = 0.0006211696
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 9
** 391907.109, 3747466.589, 29.00, 3.49, 6.51
** 391908.801, 3747704.819, 29.00, 3.49, 6.51
** 391910.210, 3748046.517, 29.00, 3.49, 6.51
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** 391912.184, 3748313.222, 29.00, 3.49, 6.51
** 391913.030, 3748616.859, 29.00, 3.49, 6.51
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   LOCATION L0000003     VOLUME   391907.358 3747501.588 29.00
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   LOCATION L0000009     VOLUME   391907.954 3747585.586 29.00
   LOCATION L0000010     VOLUME   391908.054 3747599.586 29.00
   LOCATION L0000011     VOLUME   391908.153 3747613.585 29.00
   LOCATION L0000012     VOLUME   391908.252 3747627.585 29.00
   LOCATION L0000013     VOLUME   391908.352 3747641.585 29.00
   LOCATION L0000014     VOLUME   391908.451 3747655.584 29.00
   LOCATION L0000015     VOLUME   391908.551 3747669.584 29.00
   LOCATION L0000016     VOLUME   391908.650 3747683.584 29.00
   LOCATION L0000017     VOLUME   391908.749 3747697.583 29.00
   LOCATION L0000018     VOLUME   391908.829 3747711.583 29.00
   LOCATION L0000019     VOLUME   391908.887 3747725.583 29.00
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   LOCATION L0000036     VOLUME   391909.868 3747963.581 29.00
   LOCATION L0000037     VOLUME   391909.926 3747977.581 29.00
   LOCATION L0000038     VOLUME   391909.984 3747991.581 29.00
   LOCATION L0000039     VOLUME   391910.042 3748005.581 29.00
   LOCATION L0000040     VOLUME   391910.099 3748019.580 29.00
   LOCATION L0000041     VOLUME   391910.157 3748033.580 29.00
```

LOCATION L0000042 VOLUME 391910.237 3748047.580 29.00
LOCATION L0000043 VOLUME 391910.585 3748061.576 29.00
LOCATION L0000044 VOLUME 391910.933 3748075.571 29.00
LOCATION L0000045 VOLUME 391911.281 3748089.567 29.00
LOCATION L0000046 VOLUME 391911.621 3748103.563 29.00
LOCATION L0000047 VOLUME 391911.659 3748117.563 29.00
LOCATION L0000048 VOLUME 391911.696 3748131.563 29.00
LOCATION L0000049 VOLUME 391911.734 3748145.563 29.00
LOCATION L0000050 VOLUME 391911.771 3748159.562 29.00
LOCATION L0000051 VOLUME 391911.809 3748173.562 29.00
LOCATION L0000052 VOLUME 391911.847 3748187.562 29.00
LOCATION L0000053 VOLUME 391911.884 3748201.562 29.00
LOCATION L0000054 VOLUME 391911.922 3748215.562 29.00
LOCATION L0000055 VOLUME 391911.959 3748229.562 29.00
LOCATION L0000056 VOLUME 391911.997 3748243.562 29.00
LOCATION L0000057 VOLUME 391912.035 3748257.562 29.00
LOCATION L0000058 VOLUME 391912.072 3748271.562 29.00
LOCATION L0000059 VOLUME 391912.110 3748285.562 29.00
LOCATION L0000060 VOLUME 391912.147 3748299.562 29.00
LOCATION L0000061 VOLUME 391912.185 3748313.562 29.00
LOCATION L0000062 VOLUME 391912.224 3748327.562 29.00
LOCATION L0000063 VOLUME 391912.263 3748341.562 29.00
LOCATION L0000064 VOLUME 391912.302 3748355.562 29.00
LOCATION L0000065 VOLUME 391912.341 3748369.562 29.00
LOCATION L0000066 VOLUME 391912.380 3748383.562 29.00
LOCATION L0000067 VOLUME 391912.419 3748397.562 29.00
LOCATION L0000068 VOLUME 391912.458 3748411.562 29.00
LOCATION L0000069 VOLUME 391912.497 3748425.561 29.00
LOCATION L0000070 VOLUME 391912.536 3748439.561 29.00
LOCATION L0000071 VOLUME 391912.575 3748453.561 29.00
LOCATION L0000072 VOLUME 391912.614 3748467.561 29.00
LOCATION L0000073 VOLUME 391912.653 3748481.561 29.00
LOCATION L0000074 VOLUME 391912.692 3748495.561 29.00
LOCATION L0000075 VOLUME 391912.731 3748509.561 29.00
LOCATION L0000076 VOLUME 391912.770 3748523.561 29.00
LOCATION L0000077 VOLUME 391912.809 3748537.561 29.00
LOCATION L0000078 VOLUME 391912.848 3748551.561 29.00
LOCATION L0000079 VOLUME 391912.887 3748565.561 29.00
LOCATION L0000080 VOLUME 391912.926 3748579.561 29.00
LOCATION L0000081 VOLUME 391912.965 3748593.561 29.00
LOCATION L0000082 VOLUME 391913.004 3748607.561 29.00
LOCATION L0000083 VOLUME 391913.043 3748621.561 29.00
LOCATION L0000084 VOLUME 391913.083 3748635.561 29.00
LOCATION L0000085 VOLUME 391913.122 3748649.561 29.00
LOCATION L0000086 VOLUME 391913.161 3748663.561 29.00
LOCATION L0000087 VOLUME 391913.201 3748677.560 29.00
LOCATION L0000088 VOLUME 391913.240 3748691.560 29.00
LOCATION L0000089 VOLUME 391913.280 3748705.560 29.00
LOCATION L0000090 VOLUME 391913.319 3748719.560 29.00
LOCATION L0000091 VOLUME 391913.359 3748733.560 29.00
LOCATION L0000092 VOLUME 391913.398 3748747.560 29.00
LOCATION L0000093 VOLUME 391913.438 3748761.560 29.00
LOCATION L0000094 VOLUME 391913.477 3748775.560 29.00
LOCATION L0000095 VOLUME 391913.517 3748789.560 29.00
LOCATION L0000096 VOLUME 391913.556 3748803.560 29.00
LOCATION L0000097 VOLUME 391913.596 3748817.560 29.00
LOCATION L0000098 VOLUME 391913.635 3748831.560 29.00
LOCATION L0000099 VOLUME 391913.675 3748845.560 29.00
LOCATION L0000100 VOLUME 391913.714 3748859.560 29.00
LOCATION L0000101 VOLUME 391913.754 3748873.560 29.00
LOCATION L0000102 VOLUME 391913.793 3748887.560 29.00
LOCATION L0000103 VOLUME 391913.833 3748901.560 29.00
LOCATION L0000104 VOLUME 391913.872 3748915.560 29.00
LOCATION L0000105 VOLUME 391914.043 3748929.558 29.00
LOCATION L0000106 VOLUME 391914.227 3748943.557 29.00
LOCATION L0000107 VOLUME 391914.411 3748957.556 29.00

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   LOCATION L0000108     VOLUME   391914.596 3748971.555 29.00
   LOCATION L0000109     VOLUME   391914.780 3748985.554 29.00
   LOCATION L0000110     VOLUME   391914.964 3748999.552 29.00
   LOCATION L0000111     VOLUME   391915.148 3749013.551 29.00
   LOCATION L0000112     VOLUME   391915.081 3749027.544 29.00
   LOCATION L0000113     VOLUME   391914.282 3749041.522 29.00
   LOCATION L0000114     VOLUME   391913.483 3749055.499 29.00
   LOCATION L0000115     VOLUME   391912.685 3749069.476 29.00
** End of LINE VOLUME Source ID = SLINE1
** Source Parameters **
   SRCPARAM VOL1         0.0005640562     5.000    10.435     1.400
   SRCPARAM VOL2         0.0005640562     5.000    10.435     1.400
   SRCPARAM VOL3         0.0005640562     5.000    10.435     1.400
   SRCPARAM VOL4         0.0005640562     5.000    10.435     1.400
   SRCPARAM VOL5         0.0005640562     5.000    10.435     1.400
   SRCPARAM VOL6         0.0005640562     5.000    10.435     1.400
   SRCPARAM VOL7         0.0005640562     5.000    10.435     1.400
   SRCPARAM VOL8         0.0005640562     5.000    10.435     1.400
   SRCPARAM VOL9         0.0005640562     5.000    10.435     1.400
   SRCPARAM VOL10        0.0005640562     5.000    10.435     1.400
   SRCPARAM VOL11        0.0005640562     5.000    10.435     1.400
   SRCPARAM VOL12        0.0005640562     5.000    10.435     1.400
   SRCPARAM VOL13        0.0005640562     5.000    10.435     1.400
   SRCPARAM VOL14        0.0005640562     5.000    10.435     1.400
   SRCPARAM VOL15        0.0005640562     5.000    10.435     1.400
   SRCPARAM VOL16        0.0005640562     5.000    10.435     1.400
   SRCPARAM VOL17        0.0005640562     5.000    10.435     1.400
   SRCPARAM VOL18        0.0005640562     5.000    10.435     1.400
   SRCPARAM VOL19        0.0005640562     5.000    10.435     1.400
   SRCPARAM VOL20        0.0005640562     5.000    10.435     1.400
   SRCPARAM VOL21        0.0005640562     5.000    10.435     1.400
   SRCPARAM VOL22        0.0005640562     5.000    10.435     1.400
   SRCPARAM VOL23        0.0005640562     5.000    10.435     1.400
   SRCPARAM VOL24        0.0005640562     5.000    10.435     1.400
   SRCPARAM VOL25        0.0005640562     5.000    10.435     1.400
   SRCPARAM VOL26        0.0005640562     5.000    10.435     1.400
   SRCPARAM VOL27        0.0005640562     5.000    10.435     1.400
   SRCPARAM VOL28        0.0005640562     5.000    10.435     1.400
   SRCPARAM VOL29        0.0005640562     5.000    10.435     1.400
   SRCPARAM VOL30        0.0005640562     5.000    10.435     1.400
   SRCPARAM VOL31        0.0005640562     5.000    10.435     1.400
   SRCPARAM VOL32        0.0005640562     5.000    10.435     1.400
   SRCPARAM VOL33        0.0005640562     5.000    10.435     1.400
** LINE VOLUME Source ID = SLINE1
   SRCPARAM L0000001     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000002     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000003     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000004     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000005     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000006     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000007     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000008     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000009     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000010     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000011     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000012     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000013     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000014     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000015     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000016     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000017     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000018     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000019     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000020     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000021     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000022     0.000005401      3.49      6.51      3.25
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SRCPARAM L0000023     0.000005401      3.49      6.51      3.25
SRCPARAM L0000024     0.000005401      3.49      6.51      3.25
SRCPARAM L0000025     0.000005401      3.49      6.51      3.25
SRCPARAM L0000026     0.000005401      3.49      6.51      3.25
SRCPARAM L0000027     0.000005401      3.49      6.51      3.25
SRCPARAM L0000028     0.000005401      3.49      6.51      3.25
SRCPARAM L0000029     0.000005401      3.49      6.51      3.25
SRCPARAM L0000030     0.000005401      3.49      6.51      3.25
SRCPARAM L0000031     0.000005401      3.49      6.51      3.25
SRCPARAM L0000032     0.000005401      3.49      6.51      3.25
SRCPARAM L0000033     0.000005401      3.49      6.51      3.25
SRCPARAM L0000034     0.000005401      3.49      6.51      3.25
SRCPARAM L0000035     0.000005401      3.49      6.51      3.25
SRCPARAM L0000036     0.000005401      3.49      6.51      3.25
SRCPARAM L0000037     0.000005401      3.49      6.51      3.25
SRCPARAM L0000038     0.000005401      3.49      6.51      3.25
SRCPARAM L0000039     0.000005401      3.49      6.51      3.25
SRCPARAM L0000040     0.000005401      3.49      6.51      3.25
SRCPARAM L0000041     0.000005401      3.49      6.51      3.25
SRCPARAM L0000042     0.000005401      3.49      6.51      3.25
SRCPARAM L0000043     0.000005401      3.49      6.51      3.25
SRCPARAM L0000044     0.000005401      3.49      6.51      3.25
SRCPARAM L0000045     0.000005401      3.49      6.51      3.25
SRCPARAM L0000046     0.000005401      3.49      6.51      3.25
SRCPARAM L0000047     0.000005401      3.49      6.51      3.25
SRCPARAM L0000048     0.000005401      3.49      6.51      3.25
SRCPARAM L0000049     0.000005401      3.49      6.51      3.25
SRCPARAM L0000050     0.000005401      3.49      6.51      3.25
SRCPARAM L0000051     0.000005401      3.49      6.51      3.25
SRCPARAM L0000052     0.000005401      3.49      6.51      3.25
SRCPARAM L0000053     0.000005401      3.49      6.51      3.25
SRCPARAM L0000054     0.000005401      3.49      6.51      3.25
SRCPARAM L0000055     0.000005401      3.49      6.51      3.25
SRCPARAM L0000056     0.000005401      3.49      6.51      3.25
SRCPARAM L0000057     0.000005401      3.49      6.51      3.25
SRCPARAM L0000058     0.000005401      3.49      6.51      3.25
SRCPARAM L0000059     0.000005401      3.49      6.51      3.25
SRCPARAM L0000060     0.000005401      3.49      6.51      3.25
SRCPARAM L0000061     0.000005401      3.49      6.51      3.25
SRCPARAM L0000062     0.000005401      3.49      6.51      3.25
SRCPARAM L0000063     0.000005401      3.49      6.51      3.25
SRCPARAM L0000064     0.000005401      3.49      6.51      3.25
SRCPARAM L0000065     0.000005401      3.49      6.51      3.25
SRCPARAM L0000066     0.000005401      3.49      6.51      3.25
SRCPARAM L0000067     0.000005401      3.49      6.51      3.25
SRCPARAM L0000068     0.000005401      3.49      6.51      3.25
SRCPARAM L0000069     0.000005401      3.49      6.51      3.25
SRCPARAM L0000070     0.000005401      3.49      6.51      3.25
SRCPARAM L0000071     0.000005401      3.49      6.51      3.25
SRCPARAM L0000072     0.000005401      3.49      6.51      3.25
SRCPARAM L0000073     0.000005401      3.49      6.51      3.25
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SRCPARAM L0000075     0.000005401      3.49      6.51      3.25
SRCPARAM L0000076     0.000005401      3.49      6.51      3.25
SRCPARAM L0000077     0.000005401      3.49      6.51      3.25
SRCPARAM L0000078     0.000005401      3.49      6.51      3.25
SRCPARAM L0000079     0.000005401      3.49      6.51      3.25
SRCPARAM L0000080     0.000005401      3.49      6.51      3.25
SRCPARAM L0000081     0.000005401      3.49      6.51      3.25
SRCPARAM L0000082     0.000005401      3.49      6.51      3.25
SRCPARAM L0000083     0.000005401      3.49      6.51      3.25
SRCPARAM L0000084     0.000005401      3.49      6.51      3.25
SRCPARAM L0000085     0.000005401      3.49      6.51      3.25
SRCPARAM L0000086     0.000005401      3.49      6.51      3.25
SRCPARAM L0000087     0.000005401      3.49      6.51      3.25
SRCPARAM L0000088     0.000005401      3.49      6.51      3.25
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   SRCPARAM L0000089     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000090     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000091     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000092     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000093     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000094     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000095     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000096     0.000005401      3.49      6.51      3.25
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   SRCPARAM L0000098     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000099     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000100     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000101     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000102     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000103     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000104     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000105     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000106     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000107     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000108     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000109     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000110     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000111     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000112     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000113     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000114     0.000005401      3.49      6.51      3.25
   SRCPARAM L0000115     0.000005401      3.49      6.51      3.25
** --------------------------------------------------------------------
   URBANSRC ALL

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL1         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL1         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL2         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL2         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL3         HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
   EMISFACT VOL3         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   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 0.0 0.0 0.0 0.0
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 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 0.0 0.0 0.0 0.0
   EMISFACT VOL3         HRDOW 0.0 0.0 0.0 0.0 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 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 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 0.0 0.0 0.0 0.0
   EMISFACT VOL4         HRDOW 0.0 0.0 0.0 0.0 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 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 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 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL5         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** 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 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 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 0.0 0.0 0.0 0.0
   EMISFACT VOL6         HRDOW 0.0 0.0 0.0 0.0 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 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Sunday:
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL7         HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** 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:
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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 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:
   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
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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
** Sunday:
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT VOL16        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** 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
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   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
   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
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   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
   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
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** 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
** 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:
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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
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EMISFACT L0000011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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
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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
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
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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
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EMISFACT L0000039     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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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
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EMISFACT L0000050     HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
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   EMISFACT L0000115     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
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** AERMOD Receptor Pathway
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**
**
RE STARTING
   INCLUDED "14715 Construction.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE KLGB_V9_ADJU\KLGB_v9.SFC
   PROFFILE KLGB_V9_ADJU\KLGB_v9.PFL
   SURFDATA 23129 2012
   UAIRDATA 3190 2012
   PROFBASE 10.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
** Auto-Generated Plotfiles
   PLOTFILE PERIOD ALL "14715 CONSTRUCTION.AD\PE00GALL.PLT" 31
   SUMMFILE "14715 Construction.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

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

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186    2262       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187    2262       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

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

FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14715 Cherry
Avenue\14715 Ops\1 ***        09/11/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:51:18

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

                                          ***     MODEL SETUP OPTIONS SUMMARY       ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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** 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   148 Source(s),
       for Total of    1 Urban Area(s):
  Urban Population =   9818605.0 ;  Urban Roughness Length =  1.000 m
     * Urban Roughness Length of 1.0 Meter Used.
     * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
     * CCVR_Sub - Meteorological data includes CCVR substitutions
     * TEMP_Sub - Meteorological data includes TEMP substitutions
     * Model Assumes No FLAGPOLE Receptor Heights.
     * The User Specified a Pollutant Type of: DPM

**Model Calculates PERIOD Averages Only

**This Run Includes:    148 Source(s);       1 Source Group(s); and     124 Receptor(s)

               with:      0 POINT(s), including
                          0 POINTCAP(s) and      0 POINTHOR(s)
                and:    148 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) =    10.00 ;  Decay Coef. =
0.000     ;  Rot. Angle =     0.0
                Emission Units = GRAMS/SEC                                ;  Emission Rate
                Unit Factor =   0.10000E+07
                Output Units   = MICROGRAMS/M**3

**Approximate Storage Requirements of Model =      3.7 MB of RAM.

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

**Detailed Error/Message File:   14715
Construction.err
```

*** 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)	
VOL1	0	0.56406E-03	391943.2	3747610.9	29.0	5.00	10.44	1.40	YES HRDOW
VOL2	0	0.56406E-03	391988.3	3747611.1	29.0	5.00	10.44	1.40	YES HRDOW
VOL3	0	0.56406E-03	392033.2	3747611.4	29.0	5.00	10.44	1.40	YES HRDOW
VOL4	0	0.56406E-03	392078.1	3747611.4	29.0	5.00	10.44	1.40	YES HRDOW
VOL5	0	0.56406E-03	392122.7	3747610.9	29.0	5.00	10.44	1.40	YES HRDOW
VOL6	0	0.56406E-03	392167.6	3747610.4	29.0	5.00	10.44	1.40	YES HRDOW
VOL7	0	0.56406E-03	392175.8	3747610.4	29.0	5.00	10.44	1.40	YES HRDOW
VOL8	0	0.56406E-03	392175.0	3747565.7	29.0	5.00	10.44	1.40	YES HRDOW
VOL9	0	0.56406E-03	392129.7	3747566.0	29.0	5.00	10.44	1.40	YES HRDOW
VOL10	0	0.56406E-03	392084.7	3747566.6	29.0	5.00	10.44	1.40	YES HRDOW
VOL11	0	0.56406E-03	392040.2	3747566.6	29.0	5.00	10.44	1.40	YES HRDOW
VOL12	0	0.56406E-03	391995.7	3747566.3	29.0	5.00	10.44	1.40	YES HRDOW
VOL13	0	0.56406E-03	391951.4	3747566.1	29.0	5.00	10.44	1.40	YES HRDOW
VOL14	0	0.56406E-03	391942.7	3747566.1	29.0	5.00	10.44	1.40	YES HRDOW
VOL15	0	0.56406E-03	391942.9	3747521.6	29.0	5.00	10.44	1.40	YES HRDOW
VOL16	0	0.56406E-03	391987.4	3747522.1	29.0	5.00	10.44	1.40	YES HRDOW
VOL17	0	0.56406E-03	392031.9	3747521.6	29.0	5.00	10.44	1.40	YES HRDOW
VOL18	0	0.56406E-03	392076.4	3747521.4	29.0	5.00	10.44	1.40	YES HRDOW
VOL19	0	0.56406E-03	392121.3	3747521.4	29.0	5.00	10.44	1.40	YES HRDOW
VOL20	0	0.56406E-03	392165.8	3747521.6	29.0	5.00	10.44	1.40	YES HRDOW
VOL21	0	0.56406E-03	392210.9	3747521.2	29.0	5.00	10.44	1.40	YES HRDOW
VOL22	0	0.56406E-03	392219.6	3747557.0	29.0	5.00	10.44	1.40	YES HRDOW

VOL23 0 0.56406E-03 392237.2 3747556.6 29.0 5.00 10.44 1.40
YES HRDOW
VOL24 0 0.56406E-03 392256.9 3747546.6 29.0 5.00 10.44 1.40
YES HRDOW
VOL25 0 0.56406E-03 392256.5 3747502.1 29.0 5.00 10.44 1.40
YES HRDOW
VOL26 0 0.56406E-03 392256.5 3747482.4 29.0 5.00 10.44 1.40
YES HRDOW
VOL27 0 0.56406E-03 392211.4 3747482.6 29.0 5.00 10.44 1.40
YES HRDOW
VOL28 0 0.56406E-03 392166.9 3747483.3 29.0 5.00 10.44 1.40
YES HRDOW
VOL29 0 0.56406E-03 392121.7 3747482.6 29.0 5.00 10.44 1.40
YES HRDOW
VOL30 0 0.56406E-03 392076.4 3747483.5 29.0 5.00 10.44 1.40
YES HRDOW
VOL31 0 0.56406E-03 392031.9 3747483.7 29.0 5.00 10.44 1.40
YES HRDOW
VOL32 0 0.56406E-03 391987.2 3747483.9 29.0 5.00 10.44 1.40
YES HRDOW
VOL33 0 0.56406E-03 391942.7 3747483.9 29.0 5.00 10.44 1.40
YES HRDOW
L0000001 0 0.54010E-05 391907.2 3747473.6 29.0 3.49 6.51 3.25
YES HRDOW
L0000002 0 0.54010E-05 391907.3 3747487.6 29.0 3.49 6.51 3.25
YES HRDOW
L0000003 0 0.54010E-05 391907.4 3747501.6 29.0 3.49 6.51 3.25
YES HRDOW
L0000004 0 0.54010E-05 391907.5 3747515.6 29.0 3.49 6.51 3.25
YES HRDOW
L0000005 0 0.54010E-05 391907.6 3747529.6 29.0 3.49 6.51 3.25
YES HRDOW
L0000006 0 0.54010E-05 391907.7 3747543.6 29.0 3.49 6.51 3.25
YES HRDOW
L0000007 0 0.54010E-05 391907.8 3747557.6 29.0 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)	SCALAR VARY BY
L0000008	0	0.54010E-05	391907.9	3747571.6	29.0	3.49	6.51	3.25	YES HRDOW
L0000009	0	0.54010E-05	391908.0	3747585.6	29.0	3.49	6.51	3.25	YES HRDOW
L0000010	0	0.54010E-05	391908.1	3747599.6	29.0	3.49	6.51	3.25	YES HRDOW
L0000011	0	0.54010E-05	391908.2	3747613.6	29.0	3.49	6.51	3.25	YES HRDOW
L0000012	0	0.54010E-05	391908.3	3747627.6	29.0	3.49	6.51	3.25	YES HRDOW

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L0000013         0   0.54010E-05  391908.4 3747641.6    29.0     3.49     6.51     3.25
YES   HRDOW
L0000014         0   0.54010E-05  391908.5 3747655.6    29.0     3.49     6.51     3.25
YES   HRDOW
L0000015         0   0.54010E-05  391908.6 3747669.6    29.0     3.49     6.51     3.25
YES   HRDOW
L0000016         0   0.54010E-05  391908.6 3747683.6    29.0     3.49     6.51     3.25
YES   HRDOW
L0000017         0   0.54010E-05  391908.7 3747697.6    29.0     3.49     6.51     3.25
YES   HRDOW
L0000018         0   0.54010E-05  391908.8 3747711.6    29.0     3.49     6.51     3.25
YES   HRDOW
L0000019         0   0.54010E-05  391908.9 3747725.6    29.0     3.49     6.51     3.25
YES   HRDOW
L0000020         0   0.54010E-05  391908.9 3747739.6    29.0     3.49     6.51     3.25
YES   HRDOW
L0000021         0   0.54010E-05  391909.0 3747753.6    29.0     3.49     6.51     3.25
YES   HRDOW
L0000022         0   0.54010E-05  391909.1 3747767.6    29.0     3.49     6.51     3.25
YES   HRDOW
L0000023         0   0.54010E-05  391909.1 3747781.6    29.0     3.49     6.51     3.25
YES   HRDOW
L0000024         0   0.54010E-05  391909.2 3747795.6    29.0     3.49     6.51     3.25
YES   HRDOW
L0000025         0   0.54010E-05  391909.2 3747809.6    29.0     3.49     6.51     3.25
YES   HRDOW
L0000026         0   0.54010E-05  391909.3 3747823.6    29.0     3.49     6.51     3.25
YES   HRDOW
L0000027         0   0.54010E-05  391909.3 3747837.6    29.0     3.49     6.51     3.25
YES   HRDOW
L0000028         0   0.54010E-05  391909.4 3747851.6    29.0     3.49     6.51     3.25
YES   HRDOW
L0000029         0   0.54010E-05  391909.5 3747865.6    29.0     3.49     6.51     3.25
YES   HRDOW
L0000030         0   0.54010E-05  391909.5 3747879.6    29.0     3.49     6.51     3.25
YES   HRDOW
L0000031         0   0.54010E-05  391909.6 3747893.6    29.0     3.49     6.51     3.25
YES   HRDOW
L0000032         0   0.54010E-05  391909.6 3747907.6    29.0     3.49     6.51     3.25
YES   HRDOW
L0000033         0   0.54010E-05  391909.7 3747921.6    29.0     3.49     6.51     3.25
YES   HRDOW
L0000034         0   0.54010E-05  391909.8 3747935.6    29.0     3.49     6.51     3.25
YES   HRDOW
L0000035         0   0.54010E-05  391909.8 3747949.6    29.0     3.49     6.51     3.25
YES   HRDOW
L0000036         0   0.54010E-05  391909.9 3747963.6    29.0     3.49     6.51     3.25
YES   HRDOW
L0000037         0   0.54010E-05  391909.9 3747977.6    29.0     3.49     6.51     3.25
YES   HRDOW
L0000038         0   0.54010E-05  391910.0 3747991.6    29.0     3.49     6.51     3.25
YES   HRDOW
L0000039         0   0.54010E-05  391910.0 3748005.6    29.0     3.49     6.51     3.25
YES   HRDOW
L0000040         0   0.54010E-05  391910.1 3748019.6    29.0     3.49     6.51     3.25
YES   HRDOW
L0000041         0   0.54010E-05  391910.2 3748033.6    29.0     3.49     6.51     3.25
YES   HRDOW
L0000042         0   0.54010E-05  391910.2 3748047.6    29.0     3.49     6.51     3.25
YES   HRDOW
L0000043         0   0.54010E-05  391910.6 3748061.6    29.0     3.49     6.51     3.25
YES   HRDOW
L0000044         0   0.54010E-05  391910.9 3748075.6    29.0     3.49     6.51     3.25
YES   HRDOW
L0000045         0   0.54010E-05  391911.3 3748089.6    29.0     3.49     6.51     3.25
YES   HRDOW
```

L0000046 0 0.54010E-05 391911.6 3748103.6 29.0 3.49 6.51 3.25
YES HRDOW
L0000047 0 0.54010E-05 391911.7 3748117.6 29.0 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 CATS.
L0000048	0	0.54010E-05	391911.7	3748131.6	29.0	3.49	6.51	3.25	YES HRDOW
L0000049	0	0.54010E-05	391911.7	3748145.6	29.0	3.49	6.51	3.25	YES HRDOW
L0000050	0	0.54010E-05	391911.8	3748159.6	29.0	3.49	6.51	3.25	YES HRDOW
L0000051	0	0.54010E-05	391911.8	3748173.6	29.0	3.49	6.51	3.25	YES HRDOW
L0000052	0	0.54010E-05	391911.8	3748187.6	29.0	3.49	6.51	3.25	YES HRDOW
L0000053	0	0.54010E-05	391911.9	3748201.6	29.0	3.49	6.51	3.25	YES HRDOW
L0000054	0	0.54010E-05	391911.9	3748215.6	29.0	3.49	6.51	3.25	YES HRDOW
L0000055	0	0.54010E-05	391912.0	3748229.6	29.0	3.49	6.51	3.25	YES HRDOW
L0000056	0	0.54010E-05	391912.0	3748243.6	29.0	3.49	6.51	3.25	YES HRDOW
L0000057	0	0.54010E-05	391912.0	3748257.6	29.0	3.49	6.51	3.25	YES HRDOW
L0000058	0	0.54010E-05	391912.1	3748271.6	29.0	3.49	6.51	3.25	YES HRDOW
L0000059	0	0.54010E-05	391912.1	3748285.6	29.0	3.49	6.51	3.25	YES HRDOW
L0000060	0	0.54010E-05	391912.1	3748299.6	29.0	3.49	6.51	3.25	YES HRDOW
L0000061	0	0.54010E-05	391912.2	3748313.6	29.0	3.49	6.51	3.25	YES HRDOW
L0000062	0	0.54010E-05	391912.2	3748327.6	29.0	3.49	6.51	3.25	YES HRDOW
L0000063	0	0.54010E-05	391912.3	3748341.6	29.0	3.49	6.51	3.25	YES HRDOW
L0000064	0	0.54010E-05	391912.3	3748355.6	29.0	3.49	6.51	3.25	YES HRDOW
L0000065	0	0.54010E-05	391912.3	3748369.6	29.0	3.49	6.51	3.25	YES HRDOW
L0000066	0	0.54010E-05	391912.4	3748383.6	29.0	3.49	6.51	3.25	YES HRDOW
L0000067	0	0.54010E-05	391912.4	3748397.6	29.0	3.49	6.51	3.25	YES HRDOW
L0000068	0	0.54010E-05	391912.5	3748411.6	29.0	3.49	6.51	3.25	YES HRDOW

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 L0000069         0   0.54010E-05  391912.5 3748425.6    29.0     3.49     6.51     3.25
 YES   HRDOW
 L0000070         0   0.54010E-05  391912.5 3748439.6    29.0     3.49     6.51     3.25
 YES   HRDOW
 L0000071         0   0.54010E-05  391912.6 3748453.6    29.0     3.49     6.51     3.25
 YES   HRDOW
 L0000072         0   0.54010E-05  391912.6 3748467.6    29.0     3.49     6.51     3.25
 YES   HRDOW
 L0000073         0   0.54010E-05  391912.7 3748481.6    29.0     3.49     6.51     3.25
 YES   HRDOW
 L0000074         0   0.54010E-05  391912.7 3748495.6    29.0     3.49     6.51     3.25
 YES   HRDOW
 L0000075         0   0.54010E-05  391912.7 3748509.6    29.0     3.49     6.51     3.25
 YES   HRDOW
 L0000076         0   0.54010E-05  391912.8 3748523.6    29.0     3.49     6.51     3.25
 YES   HRDOW
 L0000077         0   0.54010E-05  391912.8 3748537.6    29.0     3.49     6.51     3.25
 YES   HRDOW
 L0000078         0   0.54010E-05  391912.8 3748551.6    29.0     3.49     6.51     3.25
 YES   HRDOW
 L0000079         0   0.54010E-05  391912.9 3748565.6    29.0     3.49     6.51     3.25
 YES   HRDOW
 L0000080         0   0.54010E-05  391912.9 3748579.6    29.0     3.49     6.51     3.25
 YES   HRDOW
 L0000081         0   0.54010E-05  391913.0 3748593.6    29.0     3.49     6.51     3.25
 YES   HRDOW
 L0000082         0   0.54010E-05  391913.0 3748607.6    29.0     3.49     6.51     3.25
 YES   HRDOW
 L0000083         0   0.54010E-05  391913.0 3748621.6    29.0     3.49     6.51     3.25
 YES   HRDOW
 L0000084         0   0.54010E-05  391913.1 3748635.6    29.0     3.49     6.51     3.25
 YES   HRDOW
 L0000085         0   0.54010E-05  391913.1 3748649.6    29.0     3.49     6.51     3.25
 YES   HRDOW
 L0000086         0   0.54010E-05  391913.2 3748663.6    29.0     3.49     6.51     3.25
 YES   HRDOW
 L0000087         0   0.54010E-05  391913.2 3748677.6    29.0     3.49     6.51     3.25
 YES   HRDOW
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14715 Cherry
Avenue\14715 Ops\1 ***        09/11/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       09:51:18

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 *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - -

 L0000088         0   0.54010E-05  391913.2 3748691.6    29.0     3.49     6.51     3.25
 YES   HRDOW
 L0000089         0   0.54010E-05  391913.3 3748705.6    29.0     3.49     6.51     3.25
 YES   HRDOW
 L0000090         0   0.54010E-05  391913.3 3748719.6    29.0     3.49     6.51     3.25
 YES   HRDOW
 L0000091         0   0.54010E-05  391913.4 3748733.6    29.0     3.49     6.51     3.25
 YES   HRDOW
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L0000092	0	0.54010E-05	391913.4	3748747.6	29.0	3.49	6.51	3.25	
YES HRDOW									
L0000093	0	0.54010E-05	391913.4	3748761.6	29.0	3.49	6.51	3.25	
YES HRDOW									
L0000094	0	0.54010E-05	391913.5	3748775.6	29.0	3.49	6.51	3.25	
YES HRDOW									
L0000095	0	0.54010E-05	391913.5	3748789.6	29.0	3.49	6.51	3.25	
YES HRDOW									
L0000096	0	0.54010E-05	391913.6	3748803.6	29.0	3.49	6.51	3.25	
YES HRDOW									
L0000097	0	0.54010E-05	391913.6	3748817.6	29.0	3.49	6.51	3.25	
YES HRDOW									
L0000098	0	0.54010E-05	391913.6	3748831.6	29.0	3.49	6.51	3.25	
YES HRDOW									
L0000099	0	0.54010E-05	391913.7	3748845.6	29.0	3.49	6.51	3.25	
YES HRDOW									
L0000100	0	0.54010E-05	391913.7	3748859.6	29.0	3.49	6.51	3.25	
YES HRDOW									
L0000101	0	0.54010E-05	391913.8	3748873.6	29.0	3.49	6.51	3.25	
YES HRDOW									
L0000102	0	0.54010E-05	391913.8	3748887.6	29.0	3.49	6.51	3.25	
YES HRDOW									
L0000103	0	0.54010E-05	391913.8	3748901.6	29.0	3.49	6.51	3.25	
YES HRDOW									
L0000104	0	0.54010E-05	391913.9	3748915.6	29.0	3.49	6.51	3.25	
YES HRDOW									
L0000105	0	0.54010E-05	391914.0	3748929.6	29.0	3.49	6.51	3.25	
YES HRDOW									
L0000106	0	0.54010E-05	391914.2	3748943.6	29.0	3.49	6.51	3.25	
YES HRDOW									
L0000107	0	0.54010E-05	391914.4	3748957.6	29.0	3.49	6.51	3.25	
YES HRDOW									
L0000108	0	0.54010E-05	391914.6	3748971.6	29.0	3.49	6.51	3.25	
YES HRDOW									
L0000109	0	0.54010E-05	391914.8	3748985.6	29.0	3.49	6.51	3.25	
YES HRDOW									
L0000110	0	0.54010E-05	391915.0	3748999.6	29.0	3.49	6.51	3.25	
YES HRDOW									
L0000111	0	0.54010E-05	391915.1	3749013.6	29.0	3.49	6.51	3.25	
YES HRDOW									
L0000112	0	0.54010E-05	391915.1	3749027.5	29.0	3.49	6.51	3.25	
YES HRDOW									
L0000113	0	0.54010E-05	391914.3	3749041.5	29.0	3.49	6.51	3.25	
YES HRDOW									
L0000114	0	0.54010E-05	391913.5	3749055.5	29.0	3.49	6.51	3.25	
YES HRDOW									
L0000115	0	0.54010E-05	391912.7	3749069.5	29.0	3.49	6.51	3.25	
YES HRDOW									

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	VOL1 , VOL2 , VOL3 , VOL4 , VOL5 , VOL6 , VOL7 , VOL8 ,

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            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      , L0000001   , L0000002   , L0000003   , L0000004   , L0000005   ,
            L0000006   , L0000007   ,

            L0000008   , L0000009   , L0000010   , L0000011   , L0000012   , L0000013   ,
            L0000014   , L0000015   ,

            L0000016   , L0000017   , L0000018   , L0000019   , L0000020   , L0000021   ,
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            L0000024   , L0000025   , L0000026   , L0000027   , L0000028   , L0000029   ,
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            L0000032   , L0000033   , L0000034   , L0000035   , L0000036   , L0000037   ,
            L0000038   , L0000039   ,

            L0000040   , L0000041   , L0000042   , L0000043   , L0000044   , L0000045   ,
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            L0000072   , L0000073   , L0000074   , L0000075   , L0000076   , L0000077   ,
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            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   ,
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14715 Cherry
Avenue\14715 Ops\1 ***        09/11/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***        09:51:18

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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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             9818605.   VOL1        , VOL2        , VOL3        , VOL4        , VOL5        ,
             VOL6        , VOL7        ,
 VOL8        ,

             VOL9        , VOL10       , VOL11       , VOL12       , VOL13       , VOL14       ,
             VOL15       , VOL16       ,

             VOL17       , VOL18       , VOL19       , VOL20       , VOL21       , VOL22       ,
             VOL23       , VOL24       ,

             VOL25       , VOL26       , VOL27       , VOL28       , VOL29       , VOL30       ,
             VOL31       , VOL32       ,

             VOL33       , 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    ,
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14715 Cherry
Avenue\14715 Ops\1 ***        09/11/23
 *** AERMET - VERSION  16216 ***
 ***                                                                ***       09:51:18

                    PAGE   8
 *** 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 = VOL1        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   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\14715 Cherry
Avenue\14715 Ops\1 ***        09/11/23
 *** AERMET - VERSION  16216 ***
 ***                                                                          ***        09:51:18

                     PAGE   9
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = VOL2        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14715 Cherry
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* 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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

* 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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	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 = VOL5 ; 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 = VOL6 ; 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 = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = VOL7         ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
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 *** 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 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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 = 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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	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 = VOL12 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

* 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
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14715 Cherry
Avenue\14715 Ops\1 ***        09/11/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:51:18

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = VOL14        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14715 Cherry
Avenue\14715 Ops\1 ***        09/11/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:51:18

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = VOL15        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
```

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = VOL16 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

```
 SOURCE ID = VOL17        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14715 Cherry
Avenue\14715 Ops\1 ***        09/11/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:51:18

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = VOL18        ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14715 Cherry
Avenue\14715 Ops\1 ***        09/11/23
 *** AERMET - VERSION  16216 ***
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* 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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+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 = VOL21 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

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

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

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

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

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

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

DAY OF WEEK = SATURDAY

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

FF *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14715 Cherry Avenue\14715 Ops\1 *** 09/11/23
*** AERMET - VERSION 16216 ***
*** *** 09:51:18

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

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

FF *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14715 Cherry Avenue\14715 Ops\1 *** 09/11/23
*** AERMET - VERSION 16216 ***
*** *** 09:51:18

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = VOL24 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- -

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

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

SOURCE ID = VOL25 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- -
- - - - - - - - - - - - - - - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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

SOURCE ID = VOL26 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

* 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

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

* 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
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.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 = VOL30 ; 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 = VOL31 ; 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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = VOL33 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR

```
 SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                    (HRDOW) *

 SOURCE ID = L0000001     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
```

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

```
    .0000E+00   15  .0000E+00   16  .0000E+00
   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\14715 Cherry
Avenue\14715 Ops\1 ***        09/11/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:51:18

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000004     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - -
                                            DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14715 Cherry
Avenue\14715 Ops\1 ***        09/11/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:51:18

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000005     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - -
                                            DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
```

DAY OF WEEK = SUNDAY

* 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

DAY OF WEEK = SATURDAY

DAY OF WEEK = SUNDAY

* 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

```
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   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\14715 Cherry
Avenue\14715 Ops\1 ***        09/11/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:51:18

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000008     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14715 Cherry
Avenue\14715 Ops\1 ***        09/11/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:51:18

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 *** 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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** 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

* 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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

* 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

DAY OF WEEK = WEEKDAY

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

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

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

DAY OF WEEK = SATURDAY

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

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

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

DAY OF WEEK = SUNDAY

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

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

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

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

SOURCE ID = L0000020 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000021 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
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\14715 Cherry Avenue\14715 Ops\1 *** 09/11/23
*** AERMET - VERSION 16216 ***
*** *** 09:51:18

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

FF *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14715 Cherry Avenue\14715 Ops\1 *** 09/11/23
*** AERMET - VERSION 16216 ***
*** *** 09:51:18

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

DAY OF WEEK = WEEKDAY

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

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 = L0000024 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- -

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000025 ; SOURCE TYPE = VOLUME :

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   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\14715 Cherry
Avenue\14715 Ops\1 ***        09/11/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       09:51:18

                     PAGE  66
 *** 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\14715 Cherry
Avenue\14715 Ops\1 ***        09/11/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       09:51:18
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000027 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	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\14715 Cherry Avenue\14715 Ops\1 *** 09/11/23
*** AERMET - VERSION 16216 ***
*** *** 09:51:18

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000028 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = SUNDAY

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

* 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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

(HRDOW) *

SOURCE ID = L0000034 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- -
- - - - - - - - - - - - - - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000035 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- -
- - - - - - - - - - - - - - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

* 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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

* 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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

```
                                               DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   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\14715 Cherry
Avenue\14715 Ops\1 ***        09/11/23
 *** AERMET - VERSION  16216 ***
 ***                                                                      ***        09:51:18

                        PAGE  78
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000038     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                               DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                               DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                               DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14715 Cherry
Avenue\14715 Ops\1 ***        09/11/23
 *** AERMET - VERSION  16216 ***
 ***                                                                      ***        09:51:18

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

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

 SOURCE ID = L0000039     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                               DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
```

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

* 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 = L0000043 ; 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 = 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										

* 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

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

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

 SOURCE ID = L0000049     ; SOURCE TYPE = VOLUME    :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
```



```
 *** 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
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14715 Cherry
Avenue\14715 Ops\1 ***        09/11/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:51:18

                      PAGE  91
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000051     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14715 Cherry
Avenue\14715 Ops\1 ***        09/11/23
 *** AERMET - VERSION  16216 ***
```

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

SOURCE ID = L0000052 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0000053 ; SOURCE TYPE = VOLUME :

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

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

 SOURCE ID = L0000056     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                               DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                               DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                               DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
```


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

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

 SOURCE ID = L0000057     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
```

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

* 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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000059 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

* 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

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

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

SOURCE ID = L0000062 ; SOURCE TYPE = VOLUME :

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

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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\14715 Cherry
Avenue\14715 Ops\1 ***        09/11/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:51:18

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000063     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   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\14715 Cherry
Avenue\14715 Ops\1 ***        09/11/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:51:18

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000064     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
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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
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000065     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                               DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                               DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                               DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

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

SCALAR HOUR SCALAR HOUR SCALAR
- -

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

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

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

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

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

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

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

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

SOURCE ID = L0000070 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -

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

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

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

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

SOURCE ID = L0000071 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -

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

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00

DAY OF WEEK = SUNDAY

* 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

DAY OF WEEK = SATURDAY

DAY OF WEEK = SUNDAY

* 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

```
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   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\14715 Cherry
Avenue\14715 Ops\1 ***        09/11/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:51:18

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000074     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14715 Cherry
Avenue\14715 Ops\1 ***        09/11/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:51:18

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

SOURCE ID = L0000075 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

* 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
```


*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

```
 SOURCE ID = L0000079     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
   .0000E+00   15  .0000E+00   16  .0000E+00
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
```


*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

```
 SOURCE ID = L0000080     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
   1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
   .0000E+00    7  .0000E+00    8  .0000E+00
   9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
   .1000E+01   15  .1000E+01   16  .1000E+01
  17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
  .0000E+00   23  .0000E+00   24  .0000E+00
```

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

* 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

* 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

* 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

DAY OF WEEK = WEEKDAY

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

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

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

DAY OF WEEK = SATURDAY

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

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

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

DAY OF WEEK = SUNDAY

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

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

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

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

SOURCE ID = L0000086 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0000087 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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 = L0000088 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000089 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

* 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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 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   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   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\14715 Cherry
Avenue\14715 Ops\1 ***        09/11/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       09:51:18

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000092     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14715 Cherry
Avenue\14715 Ops\1 ***        09/11/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***       09:51:18
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000093 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	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\14715 Cherry Avenue\14715 Ops\1 *** 09/11/23
*** AERMET - VERSION 16216 ***
*** *** 09:51:18

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000094 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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 = 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
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\14715 Cherry Avenue\14715 Ops\1 *** 09/11/23
*** AERMET - VERSION 16216 ***
*** *** 09:51:18

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

FF *** AERMOD - VERSION 22112 *** *** C:\Users\Michael Tirohn\Desktop\HRAs\14715 Cherry Avenue\14715 Ops\1 *** 09/11/23
*** AERMET - VERSION 16216 ***
*** *** 09:51:18

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

SOURCE ID = L0000098 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

* 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 HOUR SCALAR
- -

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

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

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

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

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

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

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

SOURCE ID = L0000102 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

* 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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

* 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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

DAY OF WEEK = WEEKDAY

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

```
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   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\14715 Cherry
Avenue\14715 Ops\1 ***        09/11/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:51:18

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000106     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14
    .1000E+01   15  .1000E+01   16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6
    .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14
    .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22
   .0000E+00   23  .0000E+00   24  .0000E+00
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14715 Cherry
Avenue\14715 Ops\1 ***        09/11/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:51:18

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

 SOURCE ID = L0000107     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
  SCALAR   HOUR   SCALAR   HOUR   SCALAR
```

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

* 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

* 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

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

(391891.2, 3747480.4, 29.0, 29.0, 0.0); (391892.0, 3747456.0, 29.0, 29.0, 0.0);
(391965.0, 3747447.6, 29.0, 29.0, 0.0); (391925.4, 3747447.6, 29.0, 29.0, 0.0);
(392089.4, 3747454.7, 29.0, 29.0, 0.0); (392112.8, 3747454.8, 29.0, 29.0, 0.0);
(392033.3, 3747443.0, 29.0, 29.0, 0.0); (392142.4, 3747442.5, 29.0, 29.0, 0.0);
(392336.7, 3747437.7, 29.0, 29.0, 0.0); (392430.0, 3747448.2, 29.0, 29.0, 0.0);
(392412.4, 3747555.7, 29.0, 29.0, 0.0); (392343.8, 3747480.0, 29.0, 29.0, 0.0);
(392215.5, 3747457.6, 29.0, 29.0, 0.0); (392161.5, 3747408.9, 29.0, 29.0, 0.0);
(391879.2, 3747513.2, 29.0, 29.0, 0.0); (391891.6, 3747547.0, 29.0, 29.0, 0.0);
(391891.8, 3747573.7, 29.0, 29.0, 0.0); (391884.4, 3747601.9, 29.0, 29.0, 0.0);
(391891.1, 3747641.8, 29.0, 29.0, 0.0); (391889.3, 3747663.5, 29.0, 29.0, 0.0);
(391883.5, 3747699.9, 29.0, 29.0, 0.0); (391881.9, 3747730.8, 29.0, 29.0, 0.0);
(391884.4, 3747754.5, 29.0, 29.0, 0.0); (391885.4, 3747780.4, 29.0, 29.0, 0.0);
(391883.8, 3747768.0, 29.0, 29.0, 0.0); (391493.6, 3748488.3, 29.0, 29.0, 0.0);
(391947.1, 3747875.7, 29.0, 29.0, 0.0); (391983.1, 3747875.9, 29.0, 29.0, 0.0);
(391885.5, 3747791.7, 29.0, 29.0, 0.0); (391889.3, 3747804.0, 29.0, 29.0, 0.0);
(391887.5, 3747815.9, 29.0, 29.0, 0.0); (391874.8, 3747826.1, 29.0, 29.0, 0.0);
(391892.7, 3747852.0, 29.0, 29.0, 0.0); (391892.5, 3747880.5, 29.0, 29.0, 0.0);
(392032.9, 3747873.7, 29.0, 29.0, 0.0); (392140.3, 3747873.4, 29.0, 29.0, 0.0);
(392233.5, 3747864.9, 29.0, 29.0, 0.0); (392523.2, 3747518.4, 28.3, 28.3, 0.0);
(392655.0, 3747574.8, 28.0, 28.0, 0.0); (392733.5, 3747870.8, 27.6, 27.6, 0.0);
(391927.6, 3747940.8, 29.0, 29.0, 0.0); (391927.8, 3747987.4, 29.0, 29.0, 0.0);
(391941.0, 3748045.5, 29.0, 29.0, 0.0); (391926.8, 3748083.3, 29.0, 29.0, 0.0);
(391928.4, 3748118.6, 29.0, 29.0, 0.0); (391927.6, 3748149.1, 29.0, 29.0, 0.0);
(391892.5, 3747904.7, 29.0, 29.0, 0.0); (391892.0, 3747917.8, 29.0, 29.0, 0.0);
(391891.1, 3747931.7, 29.0, 29.0, 0.0); (391885.3, 3747943.0, 29.0, 29.0, 0.0);
(391893.3, 3747955.0, 29.0, 29.0, 0.0); (391893.8, 3747978.6, 29.0, 29.0, 0.0);
(391893.0, 3747994.4, 29.0, 29.0, 0.0); (391885.8, 3748035.6, 29.0, 29.0, 0.0);
(391893.8, 3748088.4, 29.0, 29.0, 0.0); (391894.6, 3748143.8, 29.0, 29.0, 0.0);
(391894.1, 3748120.5, 29.0, 29.0, 0.0); (391894.6, 3748155.3, 29.0, 29.0, 0.0);
(391891.1, 3748182.9, 29.0, 29.0, 0.0); (391893.0, 3748196.0, 29.0, 29.0, 0.0);
(391927.3, 3748191.7, 29.0, 29.0, 0.0); (391928.6, 3748236.1, 29.0, 29.0, 0.0);
(391928.6, 3748260.0, 29.0, 29.0, 0.0); (391894.4, 3748207.5, 29.0, 29.0, 0.0);
(391891.1, 3748220.1, 29.0, 29.0, 0.0); (391891.1,

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

```
    3748231.1,      29.0,      29.0,       0.0);
    ( 391891.1, 3748243.4,      29.0,      29.0,       0.0);         ( 391891.1,
    3748255.7,      29.0,      29.0,       0.0);
    ( 391895.2, 3748287.0,      29.0,      29.0,       0.0);         ( 391895.4,
    3748311.1,      29.0,      29.0,       0.0);
    ( 391886.1, 3748326.9,      29.0,      29.0,       0.0);         ( 391893.8,
    3748337.1,      29.0,      29.0,       0.0);
    ( 391896.5, 3748354.0,      29.0,      29.0,       0.0);         ( 391943.5,
    3748329.0,      29.0,      29.0,       0.0);
    ( 391942.1, 3748346.0,      29.0,      29.0,       0.0);         ( 391935.3,
    3748361.9,      29.0,      29.0,       0.0);
    ( 391897.0, 3748404.4,      29.0,      29.0,       0.0);         ( 391938.9,
    3748376.1,      29.0,      29.0,       0.0);
    ( 391932.5, 3748387.6,      29.0,      29.0,       0.0);         ( 391891.7,
    3748427.3,      29.0,      29.0,       0.0);
    ( 391929.1, 3748405.4,      29.0,      29.0,       0.0);         ( 391929.4,
    3748424.2,      29.0,      29.0,       0.0);
    ( 391929.7, 3748439.2,      29.0,      29.0,       0.0);         ( 391928.7,
    3748454.6,      29.0,      29.0,       0.0);
    ( 391897.0, 3748453.1,      29.0,      29.0,       0.0);         ( 391866.1,
    3747496.0,      29.0,      29.0,       0.0);
    ( 391854.5, 3747480.5,      29.0,      29.0,       0.0);         ( 391855.5,
    3747526.9,      29.0,      29.0,       0.0);
    ( 391854.2, 3747514.0,      29.0,      29.0,       0.0);         ( 391855.2,
    3747538.9,      29.0,      29.0,       0.0);
    ( 391855.5, 3747549.8,      29.0,      29.0,       0.0);         ( 392423.8,
    3747240.4,      29.0,      29.0,       0.0);
    ( 391889.9, 3747651.9,      29.0,      29.0,       0.0);         ( 391854.0,
    3747577.0,      29.0,      29.0,       0.0);
    ( 391854.2, 3747603.1,      29.0,      29.0,       0.0);         ( 391855.0,
    3747615.6,      29.0,      29.0,       0.0);
    ( 391855.6, 3747626.4,      29.0,      29.0,       0.0);         ( 391854.1,
    3747455.5,      29.0,      29.0,       0.0);
    ( 391853.4, 3747443.5,      29.0,      29.0,       0.0);         ( 391888.7,
    3747380.1,      29.0,      29.0,       0.0);
    ( 391853.6, 3747430.3,      29.0,      29.0,       0.0);         ( 391842.3,
    3747485.1,      29.0,      29.0,       0.0);
    ( 391705.1, 3747221.2,      29.0,      29.0,       0.0);         ( 391890.3,
    3747198.7,      29.0,      29.0,       0.0);
    ( 391791.8, 3747248.3,      29.0,      29.0,       0.0);         ( 391949.7,
    3747281.3,      29.0,      29.0,       0.0);
    ( 391985.2, 3747284.9,      29.0,      29.0,       0.0);         ( 391940.7,
    3747246.2,      29.0,      29.0,       0.0);
    ( 392329.9, 3747221.8,      29.0,      29.0,       0.0);         ( 392324.0,
    3747121.0,      29.0,      29.0,       0.0);
    ( 392229.1, 3747286.8,      29.0,      29.0,       0.0);         ( 392136.5,
    3747240.6,      29.0,      29.0,       0.0);
    ( 391855.0, 3747279.9,      29.0,      29.0,       0.0);         ( 392423.3,
    3747128.9,      29.0,      29.0,       0.0);
    ( 391886.6, 3747060.7,      29.0,      29.0,       0.0);         ( 391879.1,
    3746997.1,      29.0,      29.0,       0.0);
    ( 391941.7, 3747060.7,      29.0,      29.0,       0.0);         ( 391925.5,
    3747143.1,      29.0,      29.0,       0.0);
    ( 392746.9, 3747239.2,      27.4,      27.4,       0.0);         ( 392723.5,
```

```
    3747205.7,      27.7,      27.7,       0.0);
    ( 391954.4, 3747977.3,      29.0,      29.0,       0.0);         ( 391862.0,
    3747248.5,      29.0,      29.0,       0.0);
    ( 392161.7, 3747457.7,      29.0,      29.0,       0.0);         ( 391709.3,
    3747247.8,      29.0,      29.0,       0.0);
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14715 Cherry
Avenue\14715 Ops\1 ***        09/11/23
 *** AERMET - VERSION  16216 ***
 ***                                                                     ***        09:51:18

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 *** 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 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1
           1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1
           1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1
           1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1
           1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1
           1   1 1 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\14715 Cherry
Avenue\14715 Ops\1 ***        09/11/23
 *** AERMET - VERSION  16216 ***
 ***                                                                     ***        09:51:18

                     PAGE 159
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                      *** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

   Surface file:
   KLGB_V9_ADJU\KLGB_v9.SFC                                                           Met
   Version:  16216
   Profile file:
   KLGB_V9_ADJU\KLGB_v9.PFL
   Surface format:
   FREE

   Profile format:
   FREE

   Surface station no.:    23129                  Upper air station no.:     3190
                  Name: UNKNOWN                                     Name:
                  UNKNOWN
```

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	-5.3	0.094	-9.000	-9.000	-999.	70.	14.3	0.10	2.68	1.00	1.13	322.	7.9	282.0	2.0
12	01	01	1	02	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.10	2.68	1.00	0.00	0.	7.9	281.4	2.0
12	01	01	1	03	-2.5	0.068	-9.000	-9.000	-999.	43.	11.4	0.10	2.68	1.00	0.74	79.	7.9	280.9	2.0
12	01	01	1	04	-3.2	0.075	-9.000	-9.000	-999.	49.	11.7	0.10	2.68	1.00	0.86	137.	7.9	280.9	2.0
12	01	01	1	05	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.10	2.68	1.00	0.00	0.	7.9	280.4	2.0
12	01	01	1	06	-5.2	0.093	-9.000	-9.000	-999.	68.	14.0	0.10	2.68	1.00	1.11	92.	7.9	279.9	2.0
12	01	01	1	07	-2.3	0.066	-9.000	-9.000	-999.	41.	11.5	0.10	2.68	1.00	0.69	67.	7.9	278.8	2.0
12	01	01	1	08	-1.7	0.060	-9.000	-9.000	-999.	36.	11.4	0.10	2.68	0.54	0.65	91.	7.9	279.9	2.0
12	01	01	1	09	36.2	-9.000	-9.000	-9.000	37.	-999.	-99999.0	0.10	2.68	0.31	0.00	0.	7.9	283.8	2.0
12	01	01	1	10	108.4	0.139	0.707	0.009	119.	124.	-2.3	0.10	2.68	0.24	0.92	319.	7.9	287.5	2.0
12	01	01	1	11	160.5	0.114	1.137	0.005	334.	93.	-1.0	0.10	2.68	0.21	0.62	23.	7.9	292.5	2.0
12	01	01	1	12	186.7	0.125	1.473	0.005	623.	105.	-1.0	0.10	2.68	0.20	0.69	18.	7.9	295.4	2.0
12	01	01	1	13	186.8	0.130	1.761	0.005	1065.	112.	-1.1	0.10	2.68	0.20	0.74	250.	7.9	297.5	2.0
12	01	01	1	14	161.7	0.150	1.834	0.005	1387.	139.	-1.9	0.10	2.68	0.21	0.96	347.	7.9	300.4	2.0
12	01	01	1	15	105.5	0.243	1.633	0.005	1499.	288.	-12.4	0.10	2.68	0.24	2.11	194.	7.9	295.9	2.0
12	01	01	1	16	32.4	0.211	1.109	0.005	1530.	233.	-26.3	0.10	2.68	0.33	1.98	186.	7.9	295.4	2.0
12	01	01	1	17	-20.5	0.250	-9.000	-9.000	-999.	300.	69.2	0.10	2.68	0.60	2.81	293.	7.9	291.4	2.0
12	01	01	1	18	-25.4	0.257	-9.000	-9.000	-999.	313.	72.8	0.10	2.68	1.00	2.90	301.	7.9	288.1	2.0
12	01	01	1	19	-21.0	0.211	-9.000	-9.000	-999.	233.	49.0	0.10	2.68	1.00	2.40	313.	7.9	286.4	2.0
12	01	01	1	20	-25.7	0.258	-9.000	-9.000	-999.	315.	73.3	0.10	2.68	1.00	2.91	302.	7.9	286.4	2.0
12	01	01	1	21	-22.5	0.225	-9.000	-9.000	-999.	256.	55.7	0.10	2.68	1.00	2.55	306.	7.9	285.4	2.0
12	01	01	1	22	-9.3	0.126	-9.000	-9.000	-999.	111.	19.5	0.10	2.68	1.00	1.48	284.	7.9	285.9	2.0
12	01	01	1	23	-21.4	0.214	-9.000	-9.000	-999.	237.	50.3	0.10	2.68	1.00	2.43	282.	7.9	285.4	2.0
12	01	01	1	24	-30.1	0.300	-9.000	-9.000	-999.	394.	98.9	0.10	2.68	1.00	3.36	300.	7.9	284.2	2.0

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
12	01	01	01	7.9	1	322.	1.13	282.1	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\14715 Cherry Avenue\14715 Ops\1 *** 09/11/23

*** AERMET - VERSION 16216 ***

*** *** 09:51:18

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 , VOL4 , VOL5 ,
VOL6 , VOL7 , VOL8 , VOL9 , VOL10 ,
VOL11 , VOL12 , VOL13 ,
VOL14 , VOL15 , VOL16 , VOL17 , VOL18 ,
VOL19 , VOL20 , VOL21 ,
VOL22 , VOL23 , VOL24 , VOL25 , VOL26 ,
VOL27 , VOL28 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
391891.24	3747480.41	0.03230	391892.01	3747456.00	0.02426
391965.04	3747447.61	0.05589	391925.38	3747447.61	0.03710
392089.38	3747454.66	0.09143	392112.83	3747454.85	0.09379
392033.31	3747443.03	0.06394	392142.39	3747442.46	0.07054
392336.71	3747437.69	0.02930	392429.96	3747448.18	0.01375
392412.42	3747555.73	0.01358	392343.77	3747480.03	0.03504
392215.51	3747457.59	0.10031	392161.48	3747408.94	0.03676
391879.25	3747513.22	0.03010	391891.65	3747546.98	0.04556
391891.84	3747573.68	0.04657	391884.40	3747601.90	0.03515
391891.08	3747641.76	0.03249	391889.35	3747663.46	0.02657
391883.45	3747699.92	0.01871	391881.92	3747730.82	0.01537
391884.40	3747754.47	0.01420	391885.36	3747780.40	0.01279
391883.83	3747768.01	0.01320	391493.56	3748488.26	0.00045
391947.12	3747875.71	0.01245	391983.08	3747875.94	0.01352
391885.46	3747791.74	0.01220	391889.32	3747804.03	0.01236
391887.50	3747815.86	0.01143	391874.76	3747826.10	0.00912
391892.74	3747852.04	0.01103	391892.51	3747880.49	0.01004
392032.89	3747873.67	0.01597	392140.29	3747873.36	0.01861
392233.52	3747864.86	0.01732	392523.19	3747518.42	0.00652
392655.00	3747574.84	0.00280	392733.47	3747870.77	0.00124
391927.56	3747940.84	0.01082	391927.83	3747987.42	0.00969

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        391940.95    3748045.52        0.00752                      391926.76
        3748083.27         0.00845
        391928.37    3748118.62        0.00791                      391927.56
        3748149.14         0.00775
        391892.49    3747904.69        0.00936                      391891.96
        3747917.81         0.00894
        391891.15    3747931.74        0.00848                      391885.26
        3747942.98         0.00738
        391893.29    3747955.03        0.00839                      391893.83
        3747978.59         0.00806
        391893.03    3747994.39        0.00765                      391885.80
        3748035.62         0.00605
        391893.83    3748088.36        0.00650                      391894.63
        3748143.78         0.00606
        391894.10    3748120.49        0.00618                      391894.63
        3748155.30         0.00597
        391891.15    3748182.87        0.00526                      391893.03
        3748195.99         0.00543
        391927.30    3748191.71        0.00746                      391928.64
        3748236.15         0.00694
        391928.64    3748259.98        0.00681                      391894.37
        3748207.50         0.00556
        391891.15    3748220.09        0.00503                      391891.15
        3748231.06         0.00496
        391891.15    3748243.38        0.00490                      391891.15
        3748255.70         0.00483
        391895.17    3748287.02        0.00524                      391895.44
        3748311.12         0.00517
        391886.07    3748326.91        0.00397                      391893.83
        3748337.09         0.00481
        391896.46    3748353.98        0.00516                      391943.47
        3748329.02         0.00487
        391942.12    3748346.05        0.00489                      391935.35
        3748361.91         0.00545
        391897.02    3748404.40        0.00507                      391938.93
        3748376.12         0.00504
        391932.47    3748387.64        0.00570                      391891.74
        3748427.33         0.00421
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14715 Cherry
Avenue\14715 Ops\1 ***        09/11/23
 *** AERMET - VERSION  16216 ***
 ***                                                                  ***        09:51:18

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR
                              SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     VOL1        , VOL2        ,
                                  VOL3        , VOL4        , VOL5        ,
                    VOL6        , VOL7        , VOL8        , VOL9        , VOL10       ,
                    VOL11       , VOL12       , VOL13       ,
                    VOL14       , VOL15       , VOL16       , VOL17       , VOL18       ,
                    VOL19       , VOL20       , VOL21       ,
                    VOL22       , VOL23       , VOL24       , VOL25       , VOL26       ,
                    VOL27       , VOL28       ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)   Y-COORD
       (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 - - - - - - - - - - - - - - - -
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391929.07 3748405.45 0.00613 391929.40
3748424.21 0.00603
391929.73 3748439.17 0.00593 391928.74
3748454.63 0.00605
391897.00 3748453.15 0.00490 391866.08
3747495.99 0.02133
391854.46 3747480.49 0.01613 391855.46
3747526.86 0.01981
391854.21 3747513.99 0.01872 391855.21
3747538.86 0.02019
391855.46 3747549.85 0.02052 392423.79
3747240.43 0.00476
391889.87 3747651.95 0.02922 391853.95
3747577.01 0.01978
391854.20 3747603.13 0.01865 391854.95
3747615.63 0.01804
391855.57 3747626.38 0.01739 391854.14
3747455.54 0.01351
391853.42 3747443.48 0.01217 391888.71
3747380.11 0.00934
391853.60 3747430.34 0.01095 391842.26
3747485.07 0.01386
391705.13 3747221.17 0.00158 391890.27
3747198.72 0.00258
391791.77 3747248.29 0.00240 391949.67
3747281.26 0.00531
391985.25 3747284.90 0.00611 391940.70
3747246.23 0.00400
392329.91 3747221.85 0.00473 392324.03
3747120.98 0.00259
392229.13 3747286.81 0.00841 392136.50
3747240.65 0.00556
391854.99 3747279.92 0.00366 392423.35
3747128.94 0.00255
391886.64 3747060.69 0.00133 391879.06
3746997.07 0.00103
391941.70 3747060.69 0.00148 391925.54
3747143.11 0.00211
392746.87 3747239.16 0.00243 392723.45
3747205.70 0.00238
391954.43 3747977.29 0.00851 391862.05
3747248.50 0.00312
392161.72 3747457.66 0.10120 391709.32
3747247.77 0.00177

*** 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       0.10120 AT (  392161.72,  3747457.66,    29.00,
29.00,    0.00)  DC
          2ND HIGHEST VALUE IS       0.10031 AT (  392215.51,  3747457.59,    29.00,
          29.00,    0.00)  DC
          3RD HIGHEST VALUE IS       0.09379 AT (  392112.83,  3747454.85,    29.00,
          29.00,    0.00)  DC
          4TH HIGHEST VALUE IS       0.09143 AT (  392089.38,  3747454.66,    29.00,
          29.00,    0.00)  DC
          5TH HIGHEST VALUE IS       0.07054 AT (  392142.39,  3747442.46,    29.00,
          29.00,    0.00)  DC
          6TH HIGHEST VALUE IS       0.06394 AT (  392033.31,  3747443.03,    29.00,
          29.00,    0.00)  DC
          7TH HIGHEST VALUE IS       0.05589 AT (  391965.04,  3747447.61,    29.00,
          29.00,    0.00)  DC
          8TH HIGHEST VALUE IS       0.04657 AT (  391891.84,  3747573.68,    29.00,
          29.00,    0.00)  DC
          9TH HIGHEST VALUE IS       0.04556 AT (  391891.65,  3747546.98,    29.00,
          29.00,    0.00)  DC
         10TH HIGHEST VALUE IS       0.03710 AT (  391925.38,  3747447.61,    29.00,
         29.00,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
FF *** AERMOD - VERSION 22112  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14715 Cherry
Avenue\14715 Ops\1 ***        09/11/23
 *** AERMET - VERSION  16216 ***
 ***                                                                    ***        09:51:18

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

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

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of         1017 Informational Message(s)

 A Total of        43848 Hours Were Processed

 A Total of          747 Calm Hours Identified

 A Total of          270 Missing Hours Identified (  0.62 Percent)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186    2262       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used          0.50
 ME W187    2262       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

    ***********************************
    *** AERMOD Finishes Successfully ***
    ***********************************
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** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 12/15/2023
** File: C:\Users\Michael Tirohn\Desktop\HRAs\14715 Cherry Avenue\14715-05
HRA\14715 Ops Opt 1 HRA\14715 Ops Opt 1 HRA.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\14715 Cherry Avenue\14715 Ops\1
   MODELOPT DFAULT CONC
   AVERTIME PERIOD
   URBANOPT 9818605 Los_Angeles_County
   POLLUTID DPM
   RUNORNOT RUN
   ERRORFIL "14715 Ops Opt 1 HRA.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 Idling
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 0.00001426
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 391987.206, 3747501.881, 29.00, 3.49, 4.00
** 392183.944, 3747499.539, 29.00, 3.49, 4.00
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   LOCATION L0000712     VOLUME   391991.501 3747501.830 29.00
   LOCATION L0000713     VOLUME   392000.090 3747501.728 29.00
   LOCATION L0000714     VOLUME   392008.680 3747501.625 29.00
   LOCATION L0000715     VOLUME   392017.269 3747501.523 29.00
   LOCATION L0000716     VOLUME   392025.858 3747501.421 29.00
   LOCATION L0000717     VOLUME   392034.448 3747501.319 29.00
   LOCATION L0000718     VOLUME   392043.037 3747501.216 29.00
   LOCATION L0000719     VOLUME   392051.627 3747501.114 29.00
   LOCATION L0000720     VOLUME   392060.216 3747501.012 29.00
   LOCATION L0000721     VOLUME   392068.805 3747500.910 29.00
   LOCATION L0000722     VOLUME   392077.395 3747500.807 29.00
   LOCATION L0000723     VOLUME   392085.984 3747500.705 29.00
   LOCATION L0000724     VOLUME   392094.574 3747500.603 29.00
   LOCATION L0000725     VOLUME   392103.163 3747500.500 29.00
   LOCATION L0000726     VOLUME   392111.752 3747500.398 29.00
   LOCATION L0000727     VOLUME   392120.342 3747500.296 29.00
   LOCATION L0000728     VOLUME   392128.931 3747500.194 29.00
   LOCATION L0000729     VOLUME   392137.521 3747500.091 29.00
   LOCATION L0000730     VOLUME   392146.110 3747499.989 29.00
   LOCATION L0000731     VOLUME   392154.699 3747499.887 29.00
   LOCATION L0000732     VOLUME   392163.289 3747499.785 29.00
   LOCATION L0000733     VOLUME   392171.878 3747499.682 29.00
   LOCATION L0000734     VOLUME   392180.468 3747499.580 29.00
** End of LINE VOLUME Source ID = SLINE1
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE3
** DESCRSRC Cherry 85%
** PREFIX
** Length of Side = 14.00
** Configuration = Adjacent
** Emission Rate = 0.00001033
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 6
** 391907.437, 3747479.975, 29.00, 3.49, 6.51
** 391907.990, 3747726.789, 29.00, 3.49, 6.51
** 391910.548, 3748040.953, 29.00, 3.49, 6.51
** 391913.105, 3748463.979, 29.00, 3.49, 6.51
** 391914.201, 3748762.435, 29.00, 3.49, 6.51
** 391914.931, 3749068.928, 29.00, 3.49, 6.51
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   LOCATION L0000735     VOLUME   391907.452 3747486.975 29.00
   LOCATION L0000736     VOLUME   391907.484 3747500.975 29.00
   LOCATION L0000737     VOLUME   391907.515 3747514.975 29.00
   LOCATION L0000738     VOLUME   391907.547 3747528.975 29.00
   LOCATION L0000739     VOLUME   391907.578 3747542.975 29.00
   LOCATION L0000740     VOLUME   391907.609 3747556.975 29.00
   LOCATION L0000741     VOLUME   391907.641 3747570.975 29.00
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LOCATION L0000742     VOLUME   391907.672 3747584.975 29.00
LOCATION L0000743     VOLUME   391907.704 3747598.975 29.00
LOCATION L0000744     VOLUME   391907.735 3747612.975 29.00
LOCATION L0000745     VOLUME   391907.766 3747626.975 29.00
LOCATION L0000746     VOLUME   391907.798 3747640.975 29.00
LOCATION L0000747     VOLUME   391907.829 3747654.975 29.00
LOCATION L0000748     VOLUME   391907.861 3747668.975 29.00
LOCATION L0000749     VOLUME   391907.892 3747682.975 29.00
LOCATION L0000750     VOLUME   391907.924 3747696.975 29.00
LOCATION L0000751     VOLUME   391907.955 3747710.975 29.00
LOCATION L0000752     VOLUME   391907.986 3747724.975 29.00
LOCATION L0000753     VOLUME   391908.090 3747738.974 29.00
LOCATION L0000754     VOLUME   391908.204 3747752.974 29.00
LOCATION L0000755     VOLUME   391908.318 3747766.973 29.00
LOCATION L0000756     VOLUME   391908.431 3747780.973 29.00
LOCATION L0000757     VOLUME   391908.545 3747794.972 29.00
LOCATION L0000758     VOLUME   391908.659 3747808.972 29.00
LOCATION L0000759     VOLUME   391908.773 3747822.971 29.00
LOCATION L0000760     VOLUME   391908.887 3747836.971 29.00
LOCATION L0000761     VOLUME   391909.001 3747850.971 29.00
LOCATION L0000762     VOLUME   391909.115 3747864.970 29.00
LOCATION L0000763     VOLUME   391909.229 3747878.970 29.00
LOCATION L0000764     VOLUME   391909.343 3747892.969 29.00
LOCATION L0000765     VOLUME   391909.457 3747906.969 29.00
LOCATION L0000766     VOLUME   391909.571 3747920.968 29.00
LOCATION L0000767     VOLUME   391909.685 3747934.968 29.00
LOCATION L0000768     VOLUME   391909.799 3747948.967 29.00
LOCATION L0000769     VOLUME   391909.913 3747962.967 29.00
LOCATION L0000770     VOLUME   391910.027 3747976.966 29.00
LOCATION L0000771     VOLUME   391910.141 3747990.966 29.00
LOCATION L0000772     VOLUME   391910.255 3748004.965 29.00
LOCATION L0000773     VOLUME   391910.369 3748018.965 29.00
LOCATION L0000774     VOLUME   391910.483 3748032.965 29.00
LOCATION L0000775     VOLUME   391910.584 3748046.964 29.00
LOCATION L0000776     VOLUME   391910.669 3748060.964 29.00
LOCATION L0000777     VOLUME   391910.753 3748074.964 29.00
LOCATION L0000778     VOLUME   391910.838 3748088.963 29.00
LOCATION L0000779     VOLUME   391910.922 3748102.963 29.00
LOCATION L0000780     VOLUME   391911.007 3748116.963 29.00
LOCATION L0000781     VOLUME   391911.092 3748130.963 29.00
LOCATION L0000782     VOLUME   391911.176 3748144.962 29.00
LOCATION L0000783     VOLUME   391911.261 3748158.962 29.00
LOCATION L0000784     VOLUME   391911.346 3748172.962 29.00
LOCATION L0000785     VOLUME   391911.430 3748186.962 29.00
LOCATION L0000786     VOLUME   391911.515 3748200.961 29.00
LOCATION L0000787     VOLUME   391911.599 3748214.961 29.00
LOCATION L0000788     VOLUME   391911.684 3748228.961 29.00
LOCATION L0000789     VOLUME   391911.769 3748242.961 29.00
LOCATION L0000790     VOLUME   391911.853 3748256.960 29.00
LOCATION L0000791     VOLUME   391911.938 3748270.960 29.00
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LOCATION L0000792     VOLUME   391912.023 3748284.960 29.00
LOCATION L0000793     VOLUME   391912.107 3748298.960 29.00
LOCATION L0000794     VOLUME   391912.192 3748312.959 29.00
LOCATION L0000795     VOLUME   391912.276 3748326.959 29.00
LOCATION L0000796     VOLUME   391912.361 3748340.959 29.00
LOCATION L0000797     VOLUME   391912.446 3748354.959 29.00
LOCATION L0000798     VOLUME   391912.530 3748368.958 29.00
LOCATION L0000799     VOLUME   391912.615 3748382.958 29.00
LOCATION L0000800     VOLUME   391912.700 3748396.958 29.00
LOCATION L0000801     VOLUME   391912.784 3748410.958 29.00
LOCATION L0000802     VOLUME   391912.869 3748424.957 29.00
LOCATION L0000803     VOLUME   391912.953 3748438.957 29.00
LOCATION L0000804     VOLUME   391913.038 3748452.957 29.00
LOCATION L0000805     VOLUME   391913.116 3748466.957 29.00
LOCATION L0000806     VOLUME   391913.167 3748480.956 29.00
LOCATION L0000807     VOLUME   391913.218 3748494.956 29.00
LOCATION L0000808     VOLUME   391913.270 3748508.956 29.00
LOCATION L0000809     VOLUME   391913.321 3748522.956 29.00
LOCATION L0000810     VOLUME   391913.373 3748536.956 29.00
LOCATION L0000811     VOLUME   391913.424 3748550.956 29.00
LOCATION L0000812     VOLUME   391913.476 3748564.956 29.00
LOCATION L0000813     VOLUME   391913.527 3748578.956 29.00
LOCATION L0000814     VOLUME   391913.578 3748592.956 29.00
LOCATION L0000815     VOLUME   391913.630 3748606.956 29.00
LOCATION L0000816     VOLUME   391913.681 3748620.955 29.00
LOCATION L0000817     VOLUME   391913.733 3748634.955 29.00
LOCATION L0000818     VOLUME   391913.784 3748648.955 29.00
LOCATION L0000819     VOLUME   391913.835 3748662.955 29.00
LOCATION L0000820     VOLUME   391913.887 3748676.955 29.00
LOCATION L0000821     VOLUME   391913.938 3748690.955 29.00
LOCATION L0000822     VOLUME   391913.990 3748704.955 29.00
LOCATION L0000823     VOLUME   391914.041 3748718.955 29.00
LOCATION L0000824     VOLUME   391914.092 3748732.955 29.00
LOCATION L0000825     VOLUME   391914.144 3748746.955 29.00
LOCATION L0000826     VOLUME   391914.195 3748760.955 29.00
LOCATION L0000827     VOLUME   391914.231 3748774.954 29.00
LOCATION L0000828     VOLUME   391914.264 3748788.954 29.00
LOCATION L0000829     VOLUME   391914.297 3748802.954 29.00
LOCATION L0000830     VOLUME   391914.331 3748816.954 29.00
LOCATION L0000831     VOLUME   391914.364 3748830.954 29.00
LOCATION L0000832     VOLUME   391914.397 3748844.954 29.00
LOCATION L0000833     VOLUME   391914.431 3748858.954 29.00
LOCATION L0000834     VOLUME   391914.464 3748872.954 29.00
LOCATION L0000835     VOLUME   391914.497 3748886.954 29.00
LOCATION L0000836     VOLUME   391914.531 3748900.954 29.00
LOCATION L0000837     VOLUME   391914.564 3748914.954 29.00
LOCATION L0000838     VOLUME   391914.598 3748928.954 29.00
LOCATION L0000839     VOLUME   391914.631 3748942.954 29.00
LOCATION L0000840     VOLUME   391914.664 3748956.954 29.00
LOCATION L0000841     VOLUME   391914.698 3748970.954 29.00
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   LOCATION L0000842     VOLUME   391914.731 3748984.954 29.00
   LOCATION L0000843     VOLUME   391914.764 3748998.954 29.00
   LOCATION L0000844     VOLUME   391914.798 3749012.954 29.00
   LOCATION L0000845     VOLUME   391914.831 3749026.954 29.00
   LOCATION L0000846     VOLUME   391914.865 3749040.954 29.00
   LOCATION L0000847     VOLUME   391914.898 3749054.954 29.00
** End of LINE VOLUME Source ID = SLINE3
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE4
** DESCRSRC Onsite
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 0.00001321
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 9
** 391917.927, 3747628.244, 29.00, 3.49, 4.00
** 392190.669, 3747625.701, 29.00, 3.49, 4.00
** 392189.610, 3747569.330, 29.00, 3.49, 4.00
** 392197.027, 3747558.522, 29.00, 3.49, 4.00
** 392198.510, 3747480.747, 29.00, 3.49, 4.00
** 392181.769, 3747479.052, 29.00, 3.49, 4.00
** 392066.484, 3747479.900, 29.00, 3.49, 4.00
** 391962.430, 3747480.324, 29.00, 3.49, 4.00
** 391919.410, 3747481.171, 29.00, 3.49, 4.00
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   LOCATION L0000848     VOLUME   391922.222 3747628.204 29.00
   LOCATION L0000849     VOLUME   391930.811 3747628.124 29.00
   LOCATION L0000850     VOLUME   391939.401 3747628.044 29.00
   LOCATION L0000851     VOLUME   391947.991 3747627.964 29.00
   LOCATION L0000852     VOLUME   391956.580 3747627.884 29.00
   LOCATION L0000853     VOLUME   391965.170 3747627.804 29.00
   LOCATION L0000854     VOLUME   391973.760 3747627.724 29.00
   LOCATION L0000855     VOLUME   391982.349 3747627.644 29.00
   LOCATION L0000856     VOLUME   391990.939 3747627.564 29.00
   LOCATION L0000857     VOLUME   391999.528 3747627.484 29.00
   LOCATION L0000858     VOLUME   392008.118 3747627.403 29.00
   LOCATION L0000859     VOLUME   392016.708 3747627.323 29.00
   LOCATION L0000860     VOLUME   392025.297 3747627.243 29.00
   LOCATION L0000861     VOLUME   392033.887 3747627.163 29.00
   LOCATION L0000862     VOLUME   392042.477 3747627.083 29.00
   LOCATION L0000863     VOLUME   392051.066 3747627.003 29.00
   LOCATION L0000864     VOLUME   392059.656 3747626.923 29.00
   LOCATION L0000865     VOLUME   392068.245 3747626.843 29.00
   LOCATION L0000866     VOLUME   392076.835 3747626.763 29.00
   LOCATION L0000867     VOLUME   392085.425 3747626.683 29.00
   LOCATION L0000868     VOLUME   392094.014 3747626.603 29.00
   LOCATION L0000869     VOLUME   392102.604 3747626.522 29.00
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LOCATION L0000870     VOLUME   392111.194 3747626.442 29.00
LOCATION L0000871     VOLUME   392119.783 3747626.362 29.00
LOCATION L0000872     VOLUME   392128.373 3747626.282 29.00
LOCATION L0000873     VOLUME   392136.963 3747626.202 29.00
LOCATION L0000874     VOLUME   392145.552 3747626.122 29.00
LOCATION L0000875     VOLUME   392154.142 3747626.042 29.00
LOCATION L0000876     VOLUME   392162.731 3747625.962 29.00
LOCATION L0000877     VOLUME   392171.321 3747625.882 29.00
LOCATION L0000878     VOLUME   392179.911 3747625.802 29.00
LOCATION L0000879     VOLUME   392188.500 3747625.722 29.00
LOCATION L0000880     VOLUME   392190.549 3747619.282 29.00
LOCATION L0000881     VOLUME   392190.387 3747610.693 29.00
LOCATION L0000882     VOLUME   392190.226 3747602.105 29.00
LOCATION L0000883     VOLUME   392190.064 3747593.516 29.00
LOCATION L0000884     VOLUME   392189.903 3747584.928 29.00
LOCATION L0000885     VOLUME   392189.741 3747576.339 29.00
LOCATION L0000886     VOLUME   392190.504 3747568.028 29.00
LOCATION L0000887     VOLUME   392195.364 3747560.945 29.00
LOCATION L0000888     VOLUME   392197.135 3747552.872 29.00
LOCATION L0000889     VOLUME   392197.299 3747544.283 29.00
LOCATION L0000890     VOLUME   392197.462 3747535.695 29.00
LOCATION L0000891     VOLUME   392197.626 3747527.106 29.00
LOCATION L0000892     VOLUME   392197.790 3747518.518 29.00
LOCATION L0000893     VOLUME   392197.954 3747509.930 29.00
LOCATION L0000894     VOLUME   392198.118 3747501.341 29.00
LOCATION L0000895     VOLUME   392198.281 3747492.753 29.00
LOCATION L0000896     VOLUME   392198.445 3747484.164 29.00
LOCATION L0000897     VOLUME   392193.364 3747480.226 29.00
LOCATION L0000898     VOLUME   392184.818 3747479.361 29.00
LOCATION L0000899     VOLUME   392176.244 3747479.093 29.00
LOCATION L0000900     VOLUME   392167.654 3747479.156 29.00
LOCATION L0000901     VOLUME   392159.064 3747479.219 29.00
LOCATION L0000902     VOLUME   392150.474 3747479.282 29.00
LOCATION L0000903     VOLUME   392141.885 3747479.345 29.00
LOCATION L0000904     VOLUME   392133.295 3747479.408 29.00
LOCATION L0000905     VOLUME   392124.705 3747479.472 29.00
LOCATION L0000906     VOLUME   392116.115 3747479.535 29.00
LOCATION L0000907     VOLUME   392107.526 3747479.598 29.00
LOCATION L0000908     VOLUME   392098.936 3747479.661 29.00
LOCATION L0000909     VOLUME   392090.346 3747479.724 29.00
LOCATION L0000910     VOLUME   392081.756 3747479.787 29.00
LOCATION L0000911     VOLUME   392073.166 3747479.851 29.00
LOCATION L0000912     VOLUME   392064.577 3747479.907 29.00
LOCATION L0000913     VOLUME   392055.987 3747479.942 29.00
LOCATION L0000914     VOLUME   392047.397 3747479.977 29.00
LOCATION L0000915     VOLUME   392038.807 3747480.012 29.00
LOCATION L0000916     VOLUME   392030.217 3747480.047 29.00
LOCATION L0000917     VOLUME   392021.627 3747480.082 29.00
LOCATION L0000918     VOLUME   392013.037 3747480.117 29.00
LOCATION L0000919     VOLUME   392004.447 3747480.152 29.00
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   LOCATION L0000920     VOLUME   391995.857 3747480.187 29.00
   LOCATION L0000921     VOLUME   391987.267 3747480.222 29.00
   LOCATION L0000922     VOLUME   391978.677 3747480.257 29.00
   LOCATION L0000923     VOLUME   391970.087 3747480.292 29.00
   LOCATION L0000924     VOLUME   391961.498 3747480.342 29.00
   LOCATION L0000925     VOLUME   391952.909 3747480.511 29.00
   LOCATION L0000926     VOLUME   391944.321 3747480.680 29.00
   LOCATION L0000927     VOLUME   391935.733 3747480.850 29.00
   LOCATION L0000928     VOLUME   391927.144 3747481.019 29.00
** End of LINE VOLUME Source ID = SLINE4
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE5
** DESCRSRC Onsite E
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 3.853E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 5
** 392201.383, 3747567.824, 29.00, 3.49, 4.00
** 392250.667, 3747567.348, 29.00, 3.49, 4.00
** 392249.953, 3747468.541, 29.00, 3.49, 4.00
** 392207.573, 3747468.064, 29.00, 3.49, 4.00
** 392198.764, 3747478.302, 29.00, 3.49, 4.00
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   LOCATION L0000929     VOLUME   392205.678 3747567.782 29.00
   LOCATION L0000930     VOLUME   392214.267 3747567.699 29.00
   LOCATION L0000931     VOLUME   392222.857 3747567.616 29.00
   LOCATION L0000932     VOLUME   392231.447 3747567.533 29.00
   LOCATION L0000933     VOLUME   392240.036 3747567.450 29.00
   LOCATION L0000934     VOLUME   392248.626 3747567.367 29.00
   LOCATION L0000935     VOLUME   392250.620 3747560.799 29.00
   LOCATION L0000936     VOLUME   392250.558 3747552.210 29.00
   LOCATION L0000937     VOLUME   392250.496 3747543.620 29.00
   LOCATION L0000938     VOLUME   392250.434 3747535.030 29.00
   LOCATION L0000939     VOLUME   392250.372 3747526.440 29.00
   LOCATION L0000940     VOLUME   392250.310 3747517.850 29.00
   LOCATION L0000941     VOLUME   392250.248 3747509.261 29.00
   LOCATION L0000942     VOLUME   392250.185 3747500.671 29.00
   LOCATION L0000943     VOLUME   392250.123 3747492.081 29.00
   LOCATION L0000944     VOLUME   392250.061 3747483.491 29.00
   LOCATION L0000945     VOLUME   392249.999 3747474.902 29.00
   LOCATION L0000946     VOLUME   392247.724 3747468.516 29.00
   LOCATION L0000947     VOLUME   392239.135 3747468.419 29.00
   LOCATION L0000948     VOLUME   392230.546 3747468.323 29.00
   LOCATION L0000949     VOLUME   392221.956 3747468.226 29.00
   LOCATION L0000950     VOLUME   392213.367 3747468.130 29.00
   LOCATION L0000951     VOLUME   392205.749 3747470.184 29.00
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   LOCATION L0000952     VOLUME   392200.147 3747476.696 29.00
** End of LINE VOLUME Source ID = SLINE5
** ------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE6
** DESCRSRC TTP Idle 1
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 4.752E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 392216.118, 3747561.219, 29.00, 3.49, 4.00
** 392216.703, 3747474.205, 29.00, 3.49, 4.00
** ------------------------------------------------------------------
   LOCATION L0000953     VOLUME   392216.147 3747556.924 29.00
   LOCATION L0000954     VOLUME   392216.205 3747548.335 29.00
   LOCATION L0000955     VOLUME   392216.262 3747539.745 29.00
   LOCATION L0000956     VOLUME   392216.320 3747531.155 29.00
   LOCATION L0000957     VOLUME   392216.378 3747522.565 29.00
   LOCATION L0000958     VOLUME   392216.436 3747513.975 29.00
   LOCATION L0000959     VOLUME   392216.493 3747505.386 29.00
   LOCATION L0000960     VOLUME   392216.551 3747496.796 29.00
   LOCATION L0000961     VOLUME   392216.609 3747488.206 29.00
   LOCATION L0000962     VOLUME   392216.667 3747479.616 29.00
** End of LINE VOLUME Source ID = SLINE6
** ------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE7
** DESCRSRC TTP Idle 2
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 4.752E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 392233.228, 3747561.219, 29.00, 3.49, 4.00
** 392233.082, 3747474.498, 29.00, 3.49, 4.00
** ------------------------------------------------------------------
   LOCATION L0000963     VOLUME   392233.221 3747556.924 29.00
   LOCATION L0000964     VOLUME   392233.207 3747548.334 29.00
   LOCATION L0000965     VOLUME   392233.192 3747539.744 29.00
   LOCATION L0000966     VOLUME   392233.178 3747531.154 29.00
   LOCATION L0000967     VOLUME   392233.163 3747522.564 29.00
   LOCATION L0000968     VOLUME   392233.149 3747513.974 29.00
   LOCATION L0000969     VOLUME   392233.134 3747505.384 29.00
   LOCATION L0000970     VOLUME   392233.120 3747496.794 29.00
   LOCATION L0000971     VOLUME   392233.105 3747488.204 29.00
```

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   LOCATION L0000972     VOLUME   392233.091 3747479.614 29.00
** End of LINE VOLUME Source ID = SLINE7
** ------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE8
** DESCRSRC TTP Idle 3
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 4.752E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 392271.982, 3747560.927, 29.00, 3.49, 4.00
** 392271.544, 3747470.403, 29.00, 3.49, 4.00
** ------------------------------------------------------------------
   LOCATION L0000973     VOLUME   392271.962 3747556.632 29.00
   LOCATION L0000974     VOLUME   392271.920 3747548.042 29.00
   LOCATION L0000975     VOLUME   392271.878 3747539.452 29.00
   LOCATION L0000976     VOLUME   392271.837 3747530.862 29.00
   LOCATION L0000977     VOLUME   392271.795 3747522.272 29.00
   LOCATION L0000978     VOLUME   392271.753 3747513.682 29.00
   LOCATION L0000979     VOLUME   392271.712 3747505.092 29.00
   LOCATION L0000980     VOLUME   392271.670 3747496.503 29.00
   LOCATION L0000981     VOLUME   392271.629 3747487.913 29.00
   LOCATION L0000982     VOLUME   392271.587 3747479.323 29.00
   LOCATION L0000983     VOLUME   392271.545 3747470.733 29.00
** End of LINE VOLUME Source ID = SLINE8
** ------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE9
** DESCRSRC Cherry 15%
** PREFIX
** Length of Side = 14.00
** Configuration = Adjacent
** Emission Rate = 2.475E-07
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 391907.099, 3747479.157, 29.00, 3.49, 6.51
** 391908.709, 3747263.395, 29.00, 3.49, 6.51
** ------------------------------------------------------------------
   LOCATION L0000984     VOLUME   391907.151 3747472.157 29.00
   LOCATION L0000985     VOLUME   391907.256 3747458.157 29.00
   LOCATION L0000986     VOLUME   391907.360 3747444.158 29.00
   LOCATION L0000987     VOLUME   391907.465 3747430.158 29.00
   LOCATION L0000988     VOLUME   391907.569 3747416.159 29.00
   LOCATION L0000989     VOLUME   391907.674 3747402.159 29.00
   LOCATION L0000990     VOLUME   391907.778 3747388.159 29.00
   LOCATION L0000991     VOLUME   391907.883 3747374.160 29.00
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   LOCATION L0000992     VOLUME   391907.987 3747360.160 29.00
   LOCATION L0000993     VOLUME   391908.091 3747346.160 29.00
   LOCATION L0000994     VOLUME   391908.196 3747332.161 29.00
   LOCATION L0000995     VOLUME   391908.300 3747318.161 29.00
   LOCATION L0000996     VOLUME   391908.405 3747304.162 29.00
   LOCATION L0000997     VOLUME   391908.509 3747290.162 29.00
   LOCATION L0000998     VOLUME   391908.614 3747276.162 29.00
** End of LINE VOLUME Source ID = SLINE9
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE10
** DESCRSRC South 10%
** PREFIX
** Length of Side = 14.00
** Configuration = Adjacent
** Emission Rate = 3.071E-07
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 391913.953, 3747262.591, 29.00, 3.49, 6.51
** 392315.566, 3747260.065, 29.00, 3.49, 6.51
** ----------------------------------------------------------------------
   LOCATION L0000999     VOLUME   391920.952 3747262.547 29.00
   LOCATION L0001000     VOLUME   391934.952 3747262.459 29.00
   LOCATION L0001001     VOLUME   391948.952 3747262.371 29.00
   LOCATION L0001002     VOLUME   391962.952 3747262.283 29.00
   LOCATION L0001003     VOLUME   391976.951 3747262.195 29.00
   LOCATION L0001004     VOLUME   391990.951 3747262.107 29.00
   LOCATION L0001005     VOLUME   392004.951 3747262.019 29.00
   LOCATION L0001006     VOLUME   392018.951 3747261.931 29.00
   LOCATION L0001007     VOLUME   392032.950 3747261.843 29.00
   LOCATION L0001008     VOLUME   392046.950 3747261.755 29.00
   LOCATION L0001009     VOLUME   392060.950 3747261.667 29.00
   LOCATION L0001010     VOLUME   392074.949 3747261.579 29.00
   LOCATION L0001011     VOLUME   392088.949 3747261.491 29.00
   LOCATION L0001012     VOLUME   392102.949 3747261.403 29.00
   LOCATION L0001013     VOLUME   392116.949 3747261.315 29.00
   LOCATION L0001014     VOLUME   392130.948 3747261.227 29.00
   LOCATION L0001015     VOLUME   392144.948 3747261.138 29.00
   LOCATION L0001016     VOLUME   392158.948 3747261.050 29.00
   LOCATION L0001017     VOLUME   392172.947 3747260.962 29.00
   LOCATION L0001018     VOLUME   392186.947 3747260.874 29.00
   LOCATION L0001019     VOLUME   392200.947 3747260.786 29.00
   LOCATION L0001020     VOLUME   392214.947 3747260.698 29.00
   LOCATION L0001021     VOLUME   392228.946 3747260.610 29.00
   LOCATION L0001022     VOLUME   392242.946 3747260.522 29.00
   LOCATION L0001023     VOLUME   392256.946 3747260.434 29.00
   LOCATION L0001024     VOLUME   392270.946 3747260.346 29.00
   LOCATION L0001025     VOLUME   392284.945 3747260.258 29.00
   LOCATION L0001026     VOLUME   392298.945 3747260.170 29.00
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   LOCATION L0001027     VOLUME   392312.945 3747260.082 29.00
** End of LINE VOLUME Source ID = SLINE10
** ----------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE11
** DESCRSRC Cherry 5%
** PREFIX
** Length of Side = 14.00
** Configuration = Adjacent
** Emission Rate = 1.089E-07
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 391907.006, 3747263.223, 29.00, 3.49, 6.51
** 391905.112, 3746978.431, 29.00, 3.49, 6.51
** ----------------------------------------------------------------
   LOCATION L0001028     VOLUME   391906.960 3747256.223 29.00
   LOCATION L0001029     VOLUME   391906.867 3747242.223 29.00
   LOCATION L0001030     VOLUME   391906.774 3747228.224 29.00
   LOCATION L0001031     VOLUME   391906.681 3747214.224 29.00
   LOCATION L0001032     VOLUME   391906.587 3747200.224 29.00
   LOCATION L0001033     VOLUME   391906.494 3747186.224 29.00
   LOCATION L0001034     VOLUME   391906.401 3747172.225 29.00
   LOCATION L0001035     VOLUME   391906.308 3747158.225 29.00
   LOCATION L0001036     VOLUME   391906.215 3747144.225 29.00
   LOCATION L0001037     VOLUME   391906.122 3747130.226 29.00
   LOCATION L0001038     VOLUME   391906.029 3747116.226 29.00
   LOCATION L0001039     VOLUME   391905.936 3747102.226 29.00
   LOCATION L0001040     VOLUME   391905.842 3747088.227 29.00
   LOCATION L0001041     VOLUME   391905.749 3747074.227 29.00
   LOCATION L0001042     VOLUME   391905.656 3747060.227 29.00
   LOCATION L0001043     VOLUME   391905.563 3747046.228 29.00
   LOCATION L0001044     VOLUME   391905.470 3747032.228 29.00
   LOCATION L0001045     VOLUME   391905.377 3747018.228 29.00
   LOCATION L0001046     VOLUME   391905.284 3747004.228 29.00
   LOCATION L0001047     VOLUME   391905.191 3746990.229 29.00
** End of LINE VOLUME Source ID = SLINE11
   LOCATION STCK1        POINT      391947.650  3747559.510       29.000
** Source Parameters **
** LINE VOLUME Source ID = SLINE1
   SRCPARAM L0000712     0.00000062      3.49      4.00      3.25
   SRCPARAM L0000713     0.00000062      3.49      4.00      3.25
   SRCPARAM L0000714     0.00000062      3.49      4.00      3.25
   SRCPARAM L0000715     0.00000062      3.49      4.00      3.25
   SRCPARAM L0000716     0.00000062      3.49      4.00      3.25
   SRCPARAM L0000717     0.00000062      3.49      4.00      3.25
   SRCPARAM L0000718     0.00000062      3.49      4.00      3.25
   SRCPARAM L0000719     0.00000062      3.49      4.00      3.25
   SRCPARAM L0000720     0.00000062      3.49      4.00      3.25
   SRCPARAM L0000721     0.00000062      3.49      4.00      3.25
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   SRCPARAM L0000722     0.00000062      3.49      4.00      3.25
   SRCPARAM L0000723     0.00000062      3.49      4.00      3.25
   SRCPARAM L0000724     0.00000062      3.49      4.00      3.25
   SRCPARAM L0000725     0.00000062      3.49      4.00      3.25
   SRCPARAM L0000726     0.00000062      3.49      4.00      3.25
   SRCPARAM L0000727     0.00000062      3.49      4.00      3.25
   SRCPARAM L0000728     0.00000062      3.49      4.00      3.25
   SRCPARAM L0000729     0.00000062      3.49      4.00      3.25
   SRCPARAM L0000730     0.00000062      3.49      4.00      3.25
   SRCPARAM L0000731     0.00000062      3.49      4.00      3.25
   SRCPARAM L0000732     0.00000062      3.49      4.00      3.25
   SRCPARAM L0000733     0.00000062      3.49      4.00      3.25
   SRCPARAM L0000734     0.00000062      3.49      4.00      3.25
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE3
   SRCPARAM L0000735     0.00000009142      3.49      6.51      3.25
   SRCPARAM L0000736     0.00000009142      3.49      6.51      3.25
   SRCPARAM L0000737     0.00000009142      3.49      6.51      3.25
   SRCPARAM L0000738     0.00000009142      3.49      6.51      3.25
   SRCPARAM L0000739     0.00000009142      3.49      6.51      3.25
   SRCPARAM L0000740     0.00000009142      3.49      6.51      3.25
   SRCPARAM L0000741     0.00000009142      3.49      6.51      3.25
   SRCPARAM L0000742     0.00000009142      3.49      6.51      3.25
   SRCPARAM L0000743     0.00000009142      3.49      6.51      3.25
   SRCPARAM L0000744     0.00000009142      3.49      6.51      3.25
   SRCPARAM L0000745     0.00000009142      3.49      6.51      3.25
   SRCPARAM L0000746     0.00000009142      3.49      6.51      3.25
   SRCPARAM L0000747     0.00000009142      3.49      6.51      3.25
   SRCPARAM L0000748     0.00000009142      3.49      6.51      3.25
   SRCPARAM L0000749     0.00000009142      3.49      6.51      3.25
   SRCPARAM L0000750     0.00000009142      3.49      6.51      3.25
   SRCPARAM L0000751     0.00000009142      3.49      6.51      3.25
   SRCPARAM L0000752     0.00000009142      3.49      6.51      3.25
   SRCPARAM L0000753     0.00000009142      3.49      6.51      3.25
   SRCPARAM L0000754     0.00000009142      3.49      6.51      3.25
   SRCPARAM L0000755     0.00000009142      3.49      6.51      3.25
   SRCPARAM L0000756     0.00000009142      3.49      6.51      3.25
   SRCPARAM L0000757     0.00000009142      3.49      6.51      3.25
   SRCPARAM L0000758     0.00000009142      3.49      6.51      3.25
   SRCPARAM L0000759     0.00000009142      3.49      6.51      3.25
   SRCPARAM L0000760     0.00000009142      3.49      6.51      3.25
   SRCPARAM L0000761     0.00000009142      3.49      6.51      3.25
   SRCPARAM L0000762     0.00000009142      3.49      6.51      3.25
   SRCPARAM L0000763     0.00000009142      3.49      6.51      3.25
   SRCPARAM L0000764     0.00000009142      3.49      6.51      3.25
   SRCPARAM L0000765     0.00000009142      3.49      6.51      3.25
   SRCPARAM L0000766     0.00000009142      3.49      6.51      3.25
   SRCPARAM L0000767     0.00000009142      3.49      6.51      3.25
   SRCPARAM L0000768     0.00000009142      3.49      6.51      3.25
   SRCPARAM L0000769     0.00000009142      3.49      6.51      3.25
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SRCPARAM L0000770     0.00000009142      3.49      6.51      3.25
SRCPARAM L0000771     0.00000009142      3.49      6.51      3.25
SRCPARAM L0000772     0.00000009142      3.49      6.51      3.25
SRCPARAM L0000773     0.00000009142      3.49      6.51      3.25
SRCPARAM L0000774     0.00000009142      3.49      6.51      3.25
SRCPARAM L0000775     0.00000009142      3.49      6.51      3.25
SRCPARAM L0000776     0.00000009142      3.49      6.51      3.25
SRCPARAM L0000777     0.00000009142      3.49      6.51      3.25
SRCPARAM L0000778     0.00000009142      3.49      6.51      3.25
SRCPARAM L0000779     0.00000009142      3.49      6.51      3.25
SRCPARAM L0000780     0.00000009142      3.49      6.51      3.25
SRCPARAM L0000781     0.00000009142      3.49      6.51      3.25
SRCPARAM L0000782     0.00000009142      3.49      6.51      3.25
SRCPARAM L0000783     0.00000009142      3.49      6.51      3.25
SRCPARAM L0000784     0.00000009142      3.49      6.51      3.25
SRCPARAM L0000785     0.00000009142      3.49      6.51      3.25
SRCPARAM L0000786     0.00000009142      3.49      6.51      3.25
SRCPARAM L0000787     0.00000009142      3.49      6.51      3.25
SRCPARAM L0000788     0.00000009142      3.49      6.51      3.25
SRCPARAM L0000789     0.00000009142      3.49      6.51      3.25
SRCPARAM L0000790     0.00000009142      3.49      6.51      3.25
SRCPARAM L0000791     0.00000009142      3.49      6.51      3.25
SRCPARAM L0000792     0.00000009142      3.49      6.51      3.25
SRCPARAM L0000793     0.00000009142      3.49      6.51      3.25
SRCPARAM L0000794     0.00000009142      3.49      6.51      3.25
SRCPARAM L0000795     0.00000009142      3.49      6.51      3.25
SRCPARAM L0000796     0.00000009142      3.49      6.51      3.25
SRCPARAM L0000797     0.00000009142      3.49      6.51      3.25
SRCPARAM L0000798     0.00000009142      3.49      6.51      3.25
SRCPARAM L0000799     0.00000009142      3.49      6.51      3.25
SRCPARAM L0000800     0.00000009142      3.49      6.51      3.25
SRCPARAM L0000801     0.00000009142      3.49      6.51      3.25
SRCPARAM L0000802     0.00000009142      3.49      6.51      3.25
SRCPARAM L0000803     0.00000009142      3.49      6.51      3.25
SRCPARAM L0000804     0.00000009142      3.49      6.51      3.25
SRCPARAM L0000805     0.00000009142      3.49      6.51      3.25
SRCPARAM L0000806     0.00000009142      3.49      6.51      3.25
SRCPARAM L0000807     0.00000009142      3.49      6.51      3.25
SRCPARAM L0000808     0.00000009142      3.49      6.51      3.25
SRCPARAM L0000809     0.00000009142      3.49      6.51      3.25
SRCPARAM L0000810     0.00000009142      3.49      6.51      3.25
SRCPARAM L0000811     0.00000009142      3.49      6.51      3.25
SRCPARAM L0000812     0.00000009142      3.49      6.51      3.25
SRCPARAM L0000813     0.00000009142      3.49      6.51      3.25
SRCPARAM L0000814     0.00000009142      3.49      6.51      3.25
SRCPARAM L0000815     0.00000009142      3.49      6.51      3.25
SRCPARAM L0000816     0.00000009142      3.49      6.51      3.25
SRCPARAM L0000817     0.00000009142      3.49      6.51      3.25
SRCPARAM L0000818     0.00000009142      3.49      6.51      3.25
SRCPARAM L0000819     0.00000009142      3.49      6.51      3.25
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   SRCPARAM L0000820     0.00000009142      3.49      6.51      3.25
   SRCPARAM L0000821     0.00000009142      3.49      6.51      3.25
   SRCPARAM L0000822     0.00000009142      3.49      6.51      3.25
   SRCPARAM L0000823     0.00000009142      3.49      6.51      3.25
   SRCPARAM L0000824     0.00000009142      3.49      6.51      3.25
   SRCPARAM L0000825     0.00000009142      3.49      6.51      3.25
   SRCPARAM L0000826     0.00000009142      3.49      6.51      3.25
   SRCPARAM L0000827     0.00000009142      3.49      6.51      3.25
   SRCPARAM L0000828     0.00000009142      3.49      6.51      3.25
   SRCPARAM L0000829     0.00000009142      3.49      6.51      3.25
   SRCPARAM L0000830     0.00000009142      3.49      6.51      3.25
   SRCPARAM L0000831     0.00000009142      3.49      6.51      3.25
   SRCPARAM L0000832     0.00000009142      3.49      6.51      3.25
   SRCPARAM L0000833     0.00000009142      3.49      6.51      3.25
   SRCPARAM L0000834     0.00000009142      3.49      6.51      3.25
   SRCPARAM L0000835     0.00000009142      3.49      6.51      3.25
   SRCPARAM L0000836     0.00000009142      3.49      6.51      3.25
   SRCPARAM L0000837     0.00000009142      3.49      6.51      3.25
   SRCPARAM L0000838     0.00000009142      3.49      6.51      3.25
   SRCPARAM L0000839     0.00000009142      3.49      6.51      3.25
   SRCPARAM L0000840     0.00000009142      3.49      6.51      3.25
   SRCPARAM L0000841     0.00000009142      3.49      6.51      3.25
   SRCPARAM L0000842     0.00000009142      3.49      6.51      3.25
   SRCPARAM L0000843     0.00000009142      3.49      6.51      3.25
   SRCPARAM L0000844     0.00000009142      3.49      6.51      3.25
   SRCPARAM L0000845     0.00000009142      3.49      6.51      3.25
   SRCPARAM L0000846     0.00000009142      3.49      6.51      3.25
   SRCPARAM L0000847     0.00000009142      3.49      6.51      3.25
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE4
   SRCPARAM L0000848     0.0000001631      3.49      4.00      3.25
   SRCPARAM L0000849     0.0000001631      3.49      4.00      3.25
   SRCPARAM L0000850     0.0000001631      3.49      4.00      3.25
   SRCPARAM L0000851     0.0000001631      3.49      4.00      3.25
   SRCPARAM L0000852     0.0000001631      3.49      4.00      3.25
   SRCPARAM L0000853     0.0000001631      3.49      4.00      3.25
   SRCPARAM L0000854     0.0000001631      3.49      4.00      3.25
   SRCPARAM L0000855     0.0000001631      3.49      4.00      3.25
   SRCPARAM L0000856     0.0000001631      3.49      4.00      3.25
   SRCPARAM L0000857     0.0000001631      3.49      4.00      3.25
   SRCPARAM L0000858     0.0000001631      3.49      4.00      3.25
   SRCPARAM L0000859     0.0000001631      3.49      4.00      3.25
   SRCPARAM L0000860     0.0000001631      3.49      4.00      3.25
   SRCPARAM L0000861     0.0000001631      3.49      4.00      3.25
   SRCPARAM L0000862     0.0000001631      3.49      4.00      3.25
   SRCPARAM L0000863     0.0000001631      3.49      4.00      3.25
   SRCPARAM L0000864     0.0000001631      3.49      4.00      3.25
   SRCPARAM L0000865     0.0000001631      3.49      4.00      3.25
   SRCPARAM L0000866     0.0000001631      3.49      4.00      3.25
   SRCPARAM L0000867     0.0000001631      3.49      4.00      3.25
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SRCPARAM L0000868     0.0000001631      3.49      4.00      3.25
SRCPARAM L0000869     0.0000001631      3.49      4.00      3.25
SRCPARAM L0000870     0.0000001631      3.49      4.00      3.25
SRCPARAM L0000871     0.0000001631      3.49      4.00      3.25
SRCPARAM L0000872     0.0000001631      3.49      4.00      3.25
SRCPARAM L0000873     0.0000001631      3.49      4.00      3.25
SRCPARAM L0000874     0.0000001631      3.49      4.00      3.25
SRCPARAM L0000875     0.0000001631      3.49      4.00      3.25
SRCPARAM L0000876     0.0000001631      3.49      4.00      3.25
SRCPARAM L0000877     0.0000001631      3.49      4.00      3.25
SRCPARAM L0000878     0.0000001631      3.49      4.00      3.25
SRCPARAM L0000879     0.0000001631      3.49      4.00      3.25
SRCPARAM L0000880     0.0000001631      3.49      4.00      3.25
SRCPARAM L0000881     0.0000001631      3.49      4.00      3.25
SRCPARAM L0000882     0.0000001631      3.49      4.00      3.25
SRCPARAM L0000883     0.0000001631      3.49      4.00      3.25
SRCPARAM L0000884     0.0000001631      3.49      4.00      3.25
SRCPARAM L0000885     0.0000001631      3.49      4.00      3.25
SRCPARAM L0000886     0.0000001631      3.49      4.00      3.25
SRCPARAM L0000887     0.0000001631      3.49      4.00      3.25
SRCPARAM L0000888     0.0000001631      3.49      4.00      3.25
SRCPARAM L0000889     0.0000001631      3.49      4.00      3.25
SRCPARAM L0000890     0.0000001631      3.49      4.00      3.25
SRCPARAM L0000891     0.0000001631      3.49      4.00      3.25
SRCPARAM L0000892     0.0000001631      3.49      4.00      3.25
SRCPARAM L0000893     0.0000001631      3.49      4.00      3.25
SRCPARAM L0000894     0.0000001631      3.49      4.00      3.25
SRCPARAM L0000895     0.0000001631      3.49      4.00      3.25
SRCPARAM L0000896     0.0000001631      3.49      4.00      3.25
SRCPARAM L0000897     0.0000001631      3.49      4.00      3.25
SRCPARAM L0000898     0.0000001631      3.49      4.00      3.25
SRCPARAM L0000899     0.0000001631      3.49      4.00      3.25
SRCPARAM L0000900     0.0000001631      3.49      4.00      3.25
SRCPARAM L0000901     0.0000001631      3.49      4.00      3.25
SRCPARAM L0000902     0.0000001631      3.49      4.00      3.25
SRCPARAM L0000903     0.0000001631      3.49      4.00      3.25
SRCPARAM L0000904     0.0000001631      3.49      4.00      3.25
SRCPARAM L0000905     0.0000001631      3.49      4.00      3.25
SRCPARAM L0000906     0.0000001631      3.49      4.00      3.25
SRCPARAM L0000907     0.0000001631      3.49      4.00      3.25
SRCPARAM L0000908     0.0000001631      3.49      4.00      3.25
SRCPARAM L0000909     0.0000001631      3.49      4.00      3.25
SRCPARAM L0000910     0.0000001631      3.49      4.00      3.25
SRCPARAM L0000911     0.0000001631      3.49      4.00      3.25
SRCPARAM L0000912     0.0000001631      3.49      4.00      3.25
SRCPARAM L0000913     0.0000001631      3.49      4.00      3.25
SRCPARAM L0000914     0.0000001631      3.49      4.00      3.25
SRCPARAM L0000915     0.0000001631      3.49      4.00      3.25
SRCPARAM L0000916     0.0000001631      3.49      4.00      3.25
SRCPARAM L0000917     0.0000001631      3.49      4.00      3.25
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   SRCPARAM L0000918     0.0000001631      3.49      4.00      3.25
   SRCPARAM L0000919     0.0000001631      3.49      4.00      3.25
   SRCPARAM L0000920     0.0000001631      3.49      4.00      3.25
   SRCPARAM L0000921     0.0000001631      3.49      4.00      3.25
   SRCPARAM L0000922     0.0000001631      3.49      4.00      3.25
   SRCPARAM L0000923     0.0000001631      3.49      4.00      3.25
   SRCPARAM L0000924     0.0000001631      3.49      4.00      3.25
   SRCPARAM L0000925     0.0000001631      3.49      4.00      3.25
   SRCPARAM L0000926     0.0000001631      3.49      4.00      3.25
   SRCPARAM L0000927     0.0000001631      3.49      4.00      3.25
   SRCPARAM L0000928     0.0000001631      3.49      4.00      3.25
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE5
   SRCPARAM L0000929     0.0000001605      3.49      4.00      3.25
   SRCPARAM L0000930     0.0000001605      3.49      4.00      3.25
   SRCPARAM L0000931     0.0000001605      3.49      4.00      3.25
   SRCPARAM L0000932     0.0000001605      3.49      4.00      3.25
   SRCPARAM L0000933     0.0000001605      3.49      4.00      3.25
   SRCPARAM L0000934     0.0000001605      3.49      4.00      3.25
   SRCPARAM L0000935     0.0000001605      3.49      4.00      3.25
   SRCPARAM L0000936     0.0000001605      3.49      4.00      3.25
   SRCPARAM L0000937     0.0000001605      3.49      4.00      3.25
   SRCPARAM L0000938     0.0000001605      3.49      4.00      3.25
   SRCPARAM L0000939     0.0000001605      3.49      4.00      3.25
   SRCPARAM L0000940     0.0000001605      3.49      4.00      3.25
   SRCPARAM L0000941     0.0000001605      3.49      4.00      3.25
   SRCPARAM L0000942     0.0000001605      3.49      4.00      3.25
   SRCPARAM L0000943     0.0000001605      3.49      4.00      3.25
   SRCPARAM L0000944     0.0000001605      3.49      4.00      3.25
   SRCPARAM L0000945     0.0000001605      3.49      4.00      3.25
   SRCPARAM L0000946     0.0000001605      3.49      4.00      3.25
   SRCPARAM L0000947     0.0000001605      3.49      4.00      3.25
   SRCPARAM L0000948     0.0000001605      3.49      4.00      3.25
   SRCPARAM L0000949     0.0000001605      3.49      4.00      3.25
   SRCPARAM L0000950     0.0000001605      3.49      4.00      3.25
   SRCPARAM L0000951     0.0000001605      3.49      4.00      3.25
   SRCPARAM L0000952     0.0000001605      3.49      4.00      3.25
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE6
   SRCPARAM L0000953     0.0000004752      3.49      4.00      3.25
   SRCPARAM L0000954     0.0000004752      3.49      4.00      3.25
   SRCPARAM L0000955     0.0000004752      3.49      4.00      3.25
   SRCPARAM L0000956     0.0000004752      3.49      4.00      3.25
   SRCPARAM L0000957     0.0000004752      3.49      4.00      3.25
   SRCPARAM L0000958     0.0000004752      3.49      4.00      3.25
   SRCPARAM L0000959     0.0000004752      3.49      4.00      3.25
   SRCPARAM L0000960     0.0000004752      3.49      4.00      3.25
   SRCPARAM L0000961     0.0000004752      3.49      4.00      3.25
   SRCPARAM L0000962     0.0000004752      3.49      4.00      3.25
** ------------------------------------------------------------------
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** LINE VOLUME Source ID = SLINE7
   SRCPARAM L0000963     0.0000004752      3.49      4.00      3.25
   SRCPARAM L0000964     0.0000004752      3.49      4.00      3.25
   SRCPARAM L0000965     0.0000004752      3.49      4.00      3.25
   SRCPARAM L0000966     0.0000004752      3.49      4.00      3.25
   SRCPARAM L0000967     0.0000004752      3.49      4.00      3.25
   SRCPARAM L0000968     0.0000004752      3.49      4.00      3.25
   SRCPARAM L0000969     0.0000004752      3.49      4.00      3.25
   SRCPARAM L0000970     0.0000004752      3.49      4.00      3.25
   SRCPARAM L0000971     0.0000004752      3.49      4.00      3.25
   SRCPARAM L0000972     0.0000004752      3.49      4.00      3.25
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE8
   SRCPARAM L0000973     0.000000432      3.49      4.00      3.25
   SRCPARAM L0000974     0.000000432      3.49      4.00      3.25
   SRCPARAM L0000975     0.000000432      3.49      4.00      3.25
   SRCPARAM L0000976     0.000000432      3.49      4.00      3.25
   SRCPARAM L0000977     0.000000432      3.49      4.00      3.25
   SRCPARAM L0000978     0.000000432      3.49      4.00      3.25
   SRCPARAM L0000979     0.000000432      3.49      4.00      3.25
   SRCPARAM L0000980     0.000000432      3.49      4.00      3.25
   SRCPARAM L0000981     0.000000432      3.49      4.00      3.25
   SRCPARAM L0000982     0.000000432      3.49      4.00      3.25
   SRCPARAM L0000983     0.000000432      3.49      4.00      3.25
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE9
   SRCPARAM L0000984     0.0000000165      3.49      6.51      3.25
   SRCPARAM L0000985     0.0000000165      3.49      6.51      3.25
   SRCPARAM L0000986     0.0000000165      3.49      6.51      3.25
   SRCPARAM L0000987     0.0000000165      3.49      6.51      3.25
   SRCPARAM L0000988     0.0000000165      3.49      6.51      3.25
   SRCPARAM L0000989     0.0000000165      3.49      6.51      3.25
   SRCPARAM L0000990     0.0000000165      3.49      6.51      3.25
   SRCPARAM L0000991     0.0000000165      3.49      6.51      3.25
   SRCPARAM L0000992     0.0000000165      3.49      6.51      3.25
   SRCPARAM L0000993     0.0000000165      3.49      6.51      3.25
   SRCPARAM L0000994     0.0000000165      3.49      6.51      3.25
   SRCPARAM L0000995     0.0000000165      3.49      6.51      3.25
   SRCPARAM L0000996     0.0000000165      3.49      6.51      3.25
   SRCPARAM L0000997     0.0000000165      3.49      6.51      3.25
   SRCPARAM L0000998     0.0000000165      3.49      6.51      3.25
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE10
   SRCPARAM L0000999     0.00000001059      3.49      6.51      3.25
   SRCPARAM L0001000     0.00000001059      3.49      6.51      3.25
   SRCPARAM L0001001     0.00000001059      3.49      6.51      3.25
   SRCPARAM L0001002     0.00000001059      3.49      6.51      3.25
   SRCPARAM L0001003     0.00000001059      3.49      6.51      3.25
   SRCPARAM L0001004     0.00000001059      3.49      6.51      3.25
   SRCPARAM L0001005     0.00000001059      3.49      6.51      3.25
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   SRCPARAM L0001006     0.00000001059      3.49      6.51      3.25
   SRCPARAM L0001007     0.00000001059      3.49      6.51      3.25
   SRCPARAM L0001008     0.00000001059      3.49      6.51      3.25
   SRCPARAM L0001009     0.00000001059      3.49      6.51      3.25
   SRCPARAM L0001010     0.00000001059      3.49      6.51      3.25
   SRCPARAM L0001011     0.00000001059      3.49      6.51      3.25
   SRCPARAM L0001012     0.00000001059      3.49      6.51      3.25
   SRCPARAM L0001013     0.00000001059      3.49      6.51      3.25
   SRCPARAM L0001014     0.00000001059      3.49      6.51      3.25
   SRCPARAM L0001015     0.00000001059      3.49      6.51      3.25
   SRCPARAM L0001016     0.00000001059      3.49      6.51      3.25
   SRCPARAM L0001017     0.00000001059      3.49      6.51      3.25
   SRCPARAM L0001018     0.00000001059      3.49      6.51      3.25
   SRCPARAM L0001019     0.00000001059      3.49      6.51      3.25
   SRCPARAM L0001020     0.00000001059      3.49      6.51      3.25
   SRCPARAM L0001021     0.00000001059      3.49      6.51      3.25
   SRCPARAM L0001022     0.00000001059      3.49      6.51      3.25
   SRCPARAM L0001023     0.00000001059      3.49      6.51      3.25
   SRCPARAM L0001024     0.00000001059      3.49      6.51      3.25
   SRCPARAM L0001025     0.00000001059      3.49      6.51      3.25
   SRCPARAM L0001026     0.00000001059      3.49      6.51      3.25
   SRCPARAM L0001027     0.00000001059      3.49      6.51      3.25
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE11
   SRCPARAM L0001028     0.000000005445      3.49      6.51      3.25
   SRCPARAM L0001029     0.000000005445      3.49      6.51      3.25
   SRCPARAM L0001030     0.000000005445      3.49      6.51      3.25
   SRCPARAM L0001031     0.000000005445      3.49      6.51      3.25
   SRCPARAM L0001032     0.000000005445      3.49      6.51      3.25
   SRCPARAM L0001033     0.000000005445      3.49      6.51      3.25
   SRCPARAM L0001034     0.000000005445      3.49      6.51      3.25
   SRCPARAM L0001035     0.000000005445      3.49      6.51      3.25
   SRCPARAM L0001036     0.000000005445      3.49      6.51      3.25
   SRCPARAM L0001037     0.000000005445      3.49      6.51      3.25
   SRCPARAM L0001038     0.000000005445      3.49      6.51      3.25
   SRCPARAM L0001039     0.000000005445      3.49      6.51      3.25
   SRCPARAM L0001040     0.000000005445      3.49      6.51      3.25
   SRCPARAM L0001041     0.000000005445      3.49      6.51      3.25
   SRCPARAM L0001042     0.000000005445      3.49      6.51      3.25
   SRCPARAM L0001043     0.000000005445      3.49      6.51      3.25
   SRCPARAM L0001044     0.000000005445      3.49      6.51      3.25
   SRCPARAM L0001045     0.000000005445      3.49      6.51      3.25
   SRCPARAM L0001046     0.000000005445      3.49      6.51      3.25
   SRCPARAM L0001047     0.000000005445      3.49      6.51      3.25
** ------------------------------------------------------------------
   SRCPARAM STCK1        0.0088198516     3.550   728.550     54.78      0.13

** Building Downwash **
   BUILDHGT STCK1           15.54    15.54    15.54    15.54    15.54    15.54
   BUILDHGT STCK1           15.54    15.54    15.54    15.54    15.54    15.54
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   BUILDHGT STCK1           15.54    15.54    15.54    15.54    15.54    15.54
   BUILDHGT STCK1           15.54    15.54    15.54    15.54    15.54    15.54
   BUILDHGT STCK1           15.54    15.54    15.54    15.54    15.54    15.54
   BUILDHGT STCK1           15.54    15.54    15.54    15.54    15.54    15.54

   BUILDWID STCK1          256.48   265.17   265.80   258.36   243.07   220.39
   BUILDWID STCK1          191.02   155.84   132.45   168.18   202.47   230.60
   BUILDWID STCK1          251.73   265.21   270.63   267.83   256.89   241.03
   BUILDWID STCK1          256.48   265.17   265.80   258.36   243.07   220.39
   BUILDWID STCK1          191.02   155.84   132.45   168.18   202.47   230.60
   BUILDWID STCK1          251.73   265.21   270.63   267.83   256.89   241.03

   BUILDLEN STCK1          168.18   202.47   230.60   251.73   265.21   270.63
   BUILDLEN STCK1          267.83   256.89   241.03   256.48   265.17   265.80
   BUILDLEN STCK1          258.36   243.07   220.39   191.02   155.84   132.45
   BUILDLEN STCK1          168.18   202.47   230.60   251.73   265.21   270.63
   BUILDLEN STCK1          267.83   256.89   241.03   256.48   265.17   265.80
   BUILDLEN STCK1          258.36   243.07   220.39   191.02   155.84   132.45

   XBADJ    STCK1          -67.76   -64.76   -59.80   -53.01   -44.62   -34.87
   XBADJ    STCK1          -24.06   -12.52    -3.48   -13.71   -24.05   -33.65
   XBADJ    STCK1          -42.24   -49.54   -55.33   -59.44   -61.75   -62.18
   XBADJ    STCK1         -100.42  -137.70  -170.81  -198.72  -220.59  -235.76
   XBADJ    STCK1         -243.77  -244.37  -237.55  -242.76  -241.12  -232.15
   XBADJ    STCK1         -216.13  -193.53  -165.06  -131.58   -94.09   -70.27

   YBADJ    STCK1         -114.53  -108.54   -99.25   -86.94   -72.00   -54.87
   YBADJ    STCK1          -36.07   -16.17    -4.04    16.33    36.47    55.50
   YBADJ    STCK1           72.85    87.99   100.45   109.86   115.93   117.03
   YBADJ    STCK1          114.53   108.54    99.25    86.94    72.00    54.87
   YBADJ    STCK1           36.07    16.17     4.04   -16.33   -36.47   -55.50
   YBADJ    STCK1          -72.85   -87.99  -100.45  -109.86  -115.93  -117.03

   URBANSRC ALL

** Variable Emissions Type: "By Hour / Seven Days (HRDOW7)"
** Variable Emission Scenario: "Scenario 1"
   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
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
**********************************
** AERMOD Receptor Pathway
**********************************
**
**
RE STARTING
   INCLUDED "14715 Ops Opt 1 HRA.rou"
RE FINISHED
**
**********************************
** AERMOD Meteorology Pathway
**********************************
**
**
ME STARTING
   SURFFILE KLGB_V9_ADJU\KLGB_v9.SFC
   PROFFILE KLGB_V9_ADJU\KLGB_v9.PFL
   SURFDATA 23129 2012
   UAIRDATA 3190 2012
   PROFBASE 10.0 METERS
ME FINISHED
**
**********************************
** AERMOD Output Pathway
**********************************
**
**
OU STARTING
** Auto-Generated Plotfiles
   PLOTFILE PERIOD ALL "14715 OPS OPT 1 HRA.AD\PE00GALL.PLT" 31
   SUMMFILE "14715 Ops Opt 1 HRA.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     894        PPARM: Input Parameter May Be Out-of-Range for Parameter
        VS
 ME W186     980       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
      0.50
 ME W187     980       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


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

↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14715
Cherry Avenue\14715 Ops\1 ***        12/15/23
 *** AERMET - VERSION  16216 ***   ***
                         ***       11:04:03

                                   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   337 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   9818605.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
```

```
      * CCVR_Sub - Meteorological data includes CCVR substitutions
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Assumes No FLAGPOLE Receptor Heights.
      * The User Specified a Pollutant Type of: DPM

 **Model Calculates PERIOD Averages Only

 **This Run Includes:    337 Source(s);       1 Source Group(s); and     124
Receptor(s)

                with:      1 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:    336 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) =    10.00 ;  Decay
Coef. =    0.000     ;  Rot. Angle =     0.0
                  Emission Units = GRAMS/SEC                                ;
Emission Rate Unit Factor =   0.10000E+07
                  Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      4.6 MB of RAM.

 **Input Runstream File:          aermod.inp

 **Output Print File:             aermod.out
```

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER	BLDG EXISTS	URBAN SOURCE	CAP/ HOR VARY BY	EMIS RATE SCALAR
STCK1	0	0.88199E-02	391947.6	3747559.5	29.0	3.55	728.55	54.78	0.13	YES	YES	NO	HRDOW7

*** 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	AIRCRAFT
L0000712	0	0.62000E-06	391991.5	3747501.8	29.0	3.49	4.00	3.25	YES		NO
L0000713	0	0.62000E-06	392000.1	3747501.7	29.0	3.49	4.00				

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3.25     YES                    NO
 L0000714         0   0.62000E-06  392008.7 3747501.6    29.0     3.49     4.00
3.25     YES                    NO
 L0000715         0   0.62000E-06  392017.3 3747501.5    29.0     3.49     4.00
3.25     YES                    NO
 L0000716         0   0.62000E-06  392025.9 3747501.4    29.0     3.49     4.00
3.25     YES                    NO
 L0000717         0   0.62000E-06  392034.4 3747501.3    29.0     3.49     4.00
3.25     YES                    NO
 L0000718         0   0.62000E-06  392043.0 3747501.2    29.0     3.49     4.00
3.25     YES                    NO
 L0000719         0   0.62000E-06  392051.6 3747501.1    29.0     3.49     4.00
3.25     YES                    NO
 L0000720         0   0.62000E-06  392060.2 3747501.0    29.0     3.49     4.00
3.25     YES                    NO
 L0000721         0   0.62000E-06  392068.8 3747500.9    29.0     3.49     4.00
3.25     YES                    NO
 L0000722         0   0.62000E-06  392077.4 3747500.8    29.0     3.49     4.00
3.25     YES                    NO
 L0000723         0   0.62000E-06  392086.0 3747500.7    29.0     3.49     4.00
3.25     YES                    NO
 L0000724         0   0.62000E-06  392094.6 3747500.6    29.0     3.49     4.00
3.25     YES                    NO
 L0000725         0   0.62000E-06  392103.2 3747500.5    29.0     3.49     4.00
3.25     YES                    NO
 L0000726         0   0.62000E-06  392111.8 3747500.4    29.0     3.49     4.00
3.25     YES                    NO
 L0000727         0   0.62000E-06  392120.3 3747500.3    29.0     3.49     4.00
3.25     YES                    NO
 L0000728         0   0.62000E-06  392128.9 3747500.2    29.0     3.49     4.00
3.25     YES                    NO
 L0000729         0   0.62000E-06  392137.5 3747500.1    29.0     3.49     4.00
3.25     YES                    NO
 L0000730         0   0.62000E-06  392146.1 3747500.0    29.0     3.49     4.00
3.25     YES                    NO
 L0000731         0   0.62000E-06  392154.7 3747499.9    29.0     3.49     4.00
3.25     YES                    NO
 L0000732         0   0.62000E-06  392163.3 3747499.8    29.0     3.49     4.00
3.25     YES                    NO
 L0000733         0   0.62000E-06  392171.9 3747499.7    29.0     3.49     4.00
3.25     YES                    NO
 L0000734         0   0.62000E-06  392180.5 3747499.6    29.0     3.49     4.00
3.25     YES                    NO
 L0000735         0   0.91420E-07  391907.5 3747487.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000736         0   0.91420E-07  391907.5 3747501.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000737         0   0.91420E-07  391907.5 3747515.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000738         0   0.91420E-07  391907.5 3747529.0    29.0     3.49     6.51
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3.25     YES                    NO
 L0000739         0   0.91420E-07  391907.6 3747543.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000740         0   0.91420E-07  391907.6 3747557.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000741         0   0.91420E-07  391907.6 3747571.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000742         0   0.91420E-07  391907.7 3747585.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000743         0   0.91420E-07  391907.7 3747599.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000744         0   0.91420E-07  391907.7 3747613.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000745         0   0.91420E-07  391907.8 3747627.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000746         0   0.91420E-07  391907.8 3747641.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000747         0   0.91420E-07  391907.8 3747655.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000748         0   0.91420E-07  391907.9 3747669.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000749         0   0.91420E-07  391907.9 3747683.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000750         0   0.91420E-07  391907.9 3747697.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000751         0   0.91420E-07  391908.0 3747711.0    29.0     3.49     6.51
3.25     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14715
Cherry Avenue\14715 Ops\1 ***        12/15/23
 *** AERMET - VERSION  16216 ***   ***
                       ***        11:04:03

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 *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -

 L0000752         0   0.91420E-07  391908.0 3747725.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000753         0   0.91420E-07  391908.1 3747739.0    29.0     3.49     6.51
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3.25     YES                    NO
 L0000754         0   0.91420E-07  391908.2 3747753.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000755         0   0.91420E-07  391908.3 3747767.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000756         0   0.91420E-07  391908.4 3747781.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000757         0   0.91420E-07  391908.5 3747795.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000758         0   0.91420E-07  391908.7 3747809.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000759         0   0.91420E-07  391908.8 3747823.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000760         0   0.91420E-07  391908.9 3747837.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000761         0   0.91420E-07  391909.0 3747851.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000762         0   0.91420E-07  391909.1 3747865.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000763         0   0.91420E-07  391909.2 3747879.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000764         0   0.91420E-07  391909.3 3747893.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000765         0   0.91420E-07  391909.5 3747907.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000766         0   0.91420E-07  391909.6 3747921.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000767         0   0.91420E-07  391909.7 3747935.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000768         0   0.91420E-07  391909.8 3747949.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000769         0   0.91420E-07  391909.9 3747963.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000770         0   0.91420E-07  391910.0 3747977.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000771         0   0.91420E-07  391910.1 3747991.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000772         0   0.91420E-07  391910.3 3748005.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000773         0   0.91420E-07  391910.4 3748019.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000774         0   0.91420E-07  391910.5 3748033.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000775         0   0.91420E-07  391910.6 3748047.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000776         0   0.91420E-07  391910.7 3748061.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000777         0   0.91420E-07  391910.8 3748075.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000778         0   0.91420E-07  391910.8 3748089.0    29.0     3.49     6.51
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3.25     YES                    NO
 L0000779         0   0.91420E-07  391910.9 3748103.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000780         0   0.91420E-07  391911.0 3748117.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000781         0   0.91420E-07  391911.1 3748131.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000782         0   0.91420E-07  391911.2 3748145.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000783         0   0.91420E-07  391911.3 3748159.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000784         0   0.91420E-07  391911.3 3748173.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000785         0   0.91420E-07  391911.4 3748187.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000786         0   0.91420E-07  391911.5 3748201.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000787         0   0.91420E-07  391911.6 3748215.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000788         0   0.91420E-07  391911.7 3748229.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000789         0   0.91420E-07  391911.8 3748243.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000790         0   0.91420E-07  391911.9 3748257.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000791         0   0.91420E-07  391911.9 3748271.0    29.0     3.49     6.51
3.25     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14715
Cherry Avenue\14715 Ops\1 ***        12/15/23
 *** AERMET - VERSION  16216 ***   ***
                       ***        11:04:03

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 *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -

 L0000792         0   0.91420E-07  391912.0 3748285.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000793         0   0.91420E-07  391912.1 3748299.0    29.0     3.49     6.51
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3.25     YES                    NO
 L0000794         0   0.91420E-07  391912.2 3748313.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000795         0   0.91420E-07  391912.3 3748327.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000796         0   0.91420E-07  391912.4 3748341.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000797         0   0.91420E-07  391912.4 3748355.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000798         0   0.91420E-07  391912.5 3748369.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000799         0   0.91420E-07  391912.6 3748383.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000800         0   0.91420E-07  391912.7 3748397.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000801         0   0.91420E-07  391912.8 3748411.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000802         0   0.91420E-07  391912.9 3748425.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000803         0   0.91420E-07  391913.0 3748439.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000804         0   0.91420E-07  391913.0 3748453.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000805         0   0.91420E-07  391913.1 3748467.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000806         0   0.91420E-07  391913.2 3748481.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000807         0   0.91420E-07  391913.2 3748495.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000808         0   0.91420E-07  391913.3 3748509.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000809         0   0.91420E-07  391913.3 3748523.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000810         0   0.91420E-07  391913.4 3748537.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000811         0   0.91420E-07  391913.4 3748551.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000812         0   0.91420E-07  391913.5 3748565.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000813         0   0.91420E-07  391913.5 3748579.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000814         0   0.91420E-07  391913.6 3748593.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000815         0   0.91420E-07  391913.6 3748607.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000816         0   0.91420E-07  391913.7 3748621.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000817         0   0.91420E-07  391913.7 3748635.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000818         0   0.91420E-07  391913.8 3748649.0    29.0     3.49     6.51
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3.25     YES                    NO
 L0000819         0   0.91420E-07  391913.8 3748663.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000820         0   0.91420E-07  391913.9 3748677.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000821         0   0.91420E-07  391913.9 3748691.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000822         0   0.91420E-07  391914.0 3748705.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000823         0   0.91420E-07  391914.0 3748719.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000824         0   0.91420E-07  391914.1 3748733.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000825         0   0.91420E-07  391914.1 3748747.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000826         0   0.91420E-07  391914.2 3748761.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000827         0   0.91420E-07  391914.2 3748775.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000828         0   0.91420E-07  391914.3 3748789.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000829         0   0.91420E-07  391914.3 3748803.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000830         0   0.91420E-07  391914.3 3748817.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000831         0   0.91420E-07  391914.4 3748831.0    29.0     3.49     6.51
3.25     YES                    NO
↑ *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14715
Cherry Avenue\14715 Ops\1 ***        12/15/23
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -

 L0000832         0   0.91420E-07  391914.4 3748845.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000833         0   0.91420E-07  391914.4 3748859.0    29.0     3.49     6.51
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3.25     YES                    NO
 L0000834         0   0.91420E-07  391914.5 3748873.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000835         0   0.91420E-07  391914.5 3748887.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000836         0   0.91420E-07  391914.5 3748901.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000837         0   0.91420E-07  391914.6 3748915.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000838         0   0.91420E-07  391914.6 3748929.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000839         0   0.91420E-07  391914.6 3748943.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000840         0   0.91420E-07  391914.7 3748957.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000841         0   0.91420E-07  391914.7 3748971.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000842         0   0.91420E-07  391914.7 3748985.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000843         0   0.91420E-07  391914.8 3748999.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000844         0   0.91420E-07  391914.8 3749013.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000845         0   0.91420E-07  391914.8 3749027.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000846         0   0.91420E-07  391914.9 3749041.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000847         0   0.91420E-07  391914.9 3749055.0    29.0     3.49     6.51
3.25     YES                    NO
 L0000848         0   0.16310E-06  391922.2 3747628.2    29.0     3.49     4.00
3.25     YES                    NO
 L0000849         0   0.16310E-06  391930.8 3747628.1    29.0     3.49     4.00
3.25     YES                    NO
 L0000850         0   0.16310E-06  391939.4 3747628.0    29.0     3.49     4.00
3.25     YES                    NO
 L0000851         0   0.16310E-06  391948.0 3747628.0    29.0     3.49     4.00
3.25     YES                    NO
 L0000852         0   0.16310E-06  391956.6 3747627.9    29.0     3.49     4.00
3.25     YES                    NO
 L0000853         0   0.16310E-06  391965.2 3747627.8    29.0     3.49     4.00
3.25     YES                    NO
 L0000854         0   0.16310E-06  391973.8 3747627.7    29.0     3.49     4.00
3.25     YES                    NO
 L0000855         0   0.16310E-06  391982.3 3747627.6    29.0     3.49     4.00
3.25     YES                    NO
 L0000856         0   0.16310E-06  391990.9 3747627.6    29.0     3.49     4.00
3.25     YES                    NO
 L0000857         0   0.16310E-06  391999.5 3747627.5    29.0     3.49     4.00
3.25     YES                    NO
 L0000858         0   0.16310E-06  392008.1 3747627.4    29.0     3.49     4.00
```

```
3.25     YES                    NO
 L0000859         0   0.16310E-06  392016.7 3747627.3    29.0     3.49     4.00
3.25     YES                    NO
 L0000860         0   0.16310E-06  392025.3 3747627.2    29.0     3.49     4.00
3.25     YES                    NO
 L0000861         0   0.16310E-06  392033.9 3747627.2    29.0     3.49     4.00
3.25     YES                    NO
 L0000862         0   0.16310E-06  392042.5 3747627.1    29.0     3.49     4.00
3.25     YES                    NO
 L0000863         0   0.16310E-06  392051.1 3747627.0    29.0     3.49     4.00
3.25     YES                    NO
 L0000864         0   0.16310E-06  392059.7 3747626.9    29.0     3.49     4.00
3.25     YES                    NO
 L0000865         0   0.16310E-06  392068.2 3747626.8    29.0     3.49     4.00
3.25     YES                    NO
 L0000866         0   0.16310E-06  392076.8 3747626.8    29.0     3.49     4.00
3.25     YES                    NO
 L0000867         0   0.16310E-06  392085.4 3747626.7    29.0     3.49     4.00
3.25     YES                    NO
 L0000868         0   0.16310E-06  392094.0 3747626.6    29.0     3.49     4.00
3.25     YES                    NO
 L0000869         0   0.16310E-06  392102.6 3747626.5    29.0     3.49     4.00
3.25     YES                    NO
 L0000870         0   0.16310E-06  392111.2 3747626.4    29.0     3.49     4.00
3.25     YES                    NO
 L0000871         0   0.16310E-06  392119.8 3747626.4    29.0     3.49     4.00
3.25     YES                    NO
↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14715
Cherry Avenue\14715 Ops\1 ***        12/15/23
 *** AERMET - VERSION  16216 ***   ***
                       ***        11:04:03

                                  PAGE   7
 *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -

 L0000872         0   0.16310E-06  392128.4 3747626.3    29.0     3.49     4.00
3.25     YES                    NO
 L0000873         0   0.16310E-06  392137.0 3747626.2    29.0     3.49     4.00
```

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3.25     YES                    NO
 L0000874         0   0.16310E-06  392145.6 3747626.1    29.0     3.49     4.00
3.25     YES                    NO
 L0000875         0   0.16310E-06  392154.1 3747626.0    29.0     3.49     4.00
3.25     YES                    NO
 L0000876         0   0.16310E-06  392162.7 3747626.0    29.0     3.49     4.00
3.25     YES                    NO
 L0000877         0   0.16310E-06  392171.3 3747625.9    29.0     3.49     4.00
3.25     YES                    NO
 L0000878         0   0.16310E-06  392179.9 3747625.8    29.0     3.49     4.00
3.25     YES                    NO
 L0000879         0   0.16310E-06  392188.5 3747625.7    29.0     3.49     4.00
3.25     YES                    NO
 L0000880         0   0.16310E-06  392190.5 3747619.3    29.0     3.49     4.00
3.25     YES                    NO
 L0000881         0   0.16310E-06  392190.4 3747610.7    29.0     3.49     4.00
3.25     YES                    NO
 L0000882         0   0.16310E-06  392190.2 3747602.1    29.0     3.49     4.00
3.25     YES                    NO
 L0000883         0   0.16310E-06  392190.1 3747593.5    29.0     3.49     4.00
3.25     YES                    NO
 L0000884         0   0.16310E-06  392189.9 3747584.9    29.0     3.49     4.00
3.25     YES                    NO
 L0000885         0   0.16310E-06  392189.7 3747576.3    29.0     3.49     4.00
3.25     YES                    NO
 L0000886         0   0.16310E-06  392190.5 3747568.0    29.0     3.49     4.00
3.25     YES                    NO
 L0000887         0   0.16310E-06  392195.4 3747560.9    29.0     3.49     4.00
3.25     YES                    NO
 L0000888         0   0.16310E-06  392197.1 3747552.9    29.0     3.49     4.00
3.25     YES                    NO
 L0000889         0   0.16310E-06  392197.3 3747544.3    29.0     3.49     4.00
3.25     YES                    NO
 L0000890         0   0.16310E-06  392197.5 3747535.7    29.0     3.49     4.00
3.25     YES                    NO
 L0000891         0   0.16310E-06  392197.6 3747527.1    29.0     3.49     4.00
3.25     YES                    NO
 L0000892         0   0.16310E-06  392197.8 3747518.5    29.0     3.49     4.00
3.25     YES                    NO
 L0000893         0   0.16310E-06  392198.0 3747509.9    29.0     3.49     4.00
3.25     YES                    NO
 L0000894         0   0.16310E-06  392198.1 3747501.3    29.0     3.49     4.00
3.25     YES                    NO
 L0000895         0   0.16310E-06  392198.3 3747492.8    29.0     3.49     4.00
3.25     YES                    NO
 L0000896         0   0.16310E-06  392198.4 3747484.2    29.0     3.49     4.00
3.25     YES                    NO
 L0000897         0   0.16310E-06  392193.4 3747480.2    29.0     3.49     4.00
3.25     YES                    NO
 L0000898         0   0.16310E-06  392184.8 3747479.4    29.0     3.49     4.00
```

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3.25     YES                    NO
 L0000899         0   0.16310E-06  392176.2 3747479.1    29.0     3.49     4.00
3.25     YES                    NO
 L0000900         0   0.16310E-06  392167.7 3747479.2    29.0     3.49     4.00
3.25     YES                    NO
 L0000901         0   0.16310E-06  392159.1 3747479.2    29.0     3.49     4.00
3.25     YES                    NO
 L0000902         0   0.16310E-06  392150.5 3747479.3    29.0     3.49     4.00
3.25     YES                    NO
 L0000903         0   0.16310E-06  392141.9 3747479.3    29.0     3.49     4.00
3.25     YES                    NO
 L0000904         0   0.16310E-06  392133.3 3747479.4    29.0     3.49     4.00
3.25     YES                    NO
 L0000905         0   0.16310E-06  392124.7 3747479.5    29.0     3.49     4.00
3.25     YES                    NO
 L0000906         0   0.16310E-06  392116.1 3747479.5    29.0     3.49     4.00
3.25     YES                    NO
 L0000907         0   0.16310E-06  392107.5 3747479.6    29.0     3.49     4.00
3.25     YES                    NO
 L0000908         0   0.16310E-06  392098.9 3747479.7    29.0     3.49     4.00
3.25     YES                    NO
 L0000909         0   0.16310E-06  392090.3 3747479.7    29.0     3.49     4.00
3.25     YES                    NO
 L0000910         0   0.16310E-06  392081.8 3747479.8    29.0     3.49     4.00
3.25     YES                    NO
 L0000911         0   0.16310E-06  392073.2 3747479.9    29.0     3.49     4.00
3.25     YES                    NO
↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14715
Cherry Avenue\14715 Ops\1 ***        12/15/23
 *** AERMET - VERSION  16216 ***   ***
                       ***        11:04:03

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 *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -

 L0000912         0   0.16310E-06  392064.6 3747479.9    29.0     3.49     4.00
3.25     YES                    NO
 L0000913         0   0.16310E-06  392056.0 3747479.9    29.0     3.49     4.00
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3.25     YES                    NO
 L0000914         0   0.16310E-06  392047.4 3747480.0    29.0     3.49     4.00
3.25     YES                    NO
 L0000915         0   0.16310E-06  392038.8 3747480.0    29.0     3.49     4.00
3.25     YES                    NO
 L0000916         0   0.16310E-06  392030.2 3747480.0    29.0     3.49     4.00
3.25     YES                    NO
 L0000917         0   0.16310E-06  392021.6 3747480.1    29.0     3.49     4.00
3.25     YES                    NO
 L0000918         0   0.16310E-06  392013.0 3747480.1    29.0     3.49     4.00
3.25     YES                    NO
 L0000919         0   0.16310E-06  392004.4 3747480.2    29.0     3.49     4.00
3.25     YES                    NO
 L0000920         0   0.16310E-06  391995.9 3747480.2    29.0     3.49     4.00
3.25     YES                    NO
 L0000921         0   0.16310E-06  391987.3 3747480.2    29.0     3.49     4.00
3.25     YES                    NO
 L0000922         0   0.16310E-06  391978.7 3747480.3    29.0     3.49     4.00
3.25     YES                    NO
 L0000923         0   0.16310E-06  391970.1 3747480.3    29.0     3.49     4.00
3.25     YES                    NO
 L0000924         0   0.16310E-06  391961.5 3747480.3    29.0     3.49     4.00
3.25     YES                    NO
 L0000925         0   0.16310E-06  391952.9 3747480.5    29.0     3.49     4.00
3.25     YES                    NO
 L0000926         0   0.16310E-06  391944.3 3747480.7    29.0     3.49     4.00
3.25     YES                    NO
 L0000927         0   0.16310E-06  391935.7 3747480.8    29.0     3.49     4.00
3.25     YES                    NO
 L0000928         0   0.16310E-06  391927.1 3747481.0    29.0     3.49     4.00
3.25     YES                    NO
 L0000929         0   0.16050E-06  392205.7 3747567.8    29.0     3.49     4.00
3.25     YES                    NO
 L0000930         0   0.16050E-06  392214.3 3747567.7    29.0     3.49     4.00
3.25     YES                    NO
 L0000931         0   0.16050E-06  392222.9 3747567.6    29.0     3.49     4.00
3.25     YES                    NO
 L0000932         0   0.16050E-06  392231.4 3747567.5    29.0     3.49     4.00
3.25     YES                    NO
 L0000933         0   0.16050E-06  392240.0 3747567.4    29.0     3.49     4.00
3.25     YES                    NO
 L0000934         0   0.16050E-06  392248.6 3747567.4    29.0     3.49     4.00
3.25     YES                    NO
 L0000935         0   0.16050E-06  392250.6 3747560.8    29.0     3.49     4.00
3.25     YES                    NO
 L0000936         0   0.16050E-06  392250.6 3747552.2    29.0     3.49     4.00
3.25     YES                    NO
 L0000937         0   0.16050E-06  392250.5 3747543.6    29.0     3.49     4.00
3.25     YES                    NO
 L0000938         0   0.16050E-06  392250.4 3747535.0    29.0     3.49     4.00
```

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER EMISSION RATE PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000952	0	0.16050E-06	392200.1	3747476.7	29.0	3.49	4.00	3.25	YES	NO	
L0000953	0	0.47520E-06	392216.1	3747556.9	29.0	3.49	4.00				

```
3.25     YES                    NO
 L0000954         0   0.47520E-06  392216.2 3747548.3    29.0     3.49     4.00
3.25     YES                    NO
 L0000955         0   0.47520E-06  392216.3 3747539.7    29.0     3.49     4.00
3.25     YES                    NO
 L0000956         0   0.47520E-06  392216.3 3747531.2    29.0     3.49     4.00
3.25     YES                    NO
 L0000957         0   0.47520E-06  392216.4 3747522.6    29.0     3.49     4.00
3.25     YES                    NO
 L0000958         0   0.47520E-06  392216.4 3747514.0    29.0     3.49     4.00
3.25     YES                    NO
 L0000959         0   0.47520E-06  392216.5 3747505.4    29.0     3.49     4.00
3.25     YES                    NO
 L0000960         0   0.47520E-06  392216.6 3747496.8    29.0     3.49     4.00
3.25     YES                    NO
 L0000961         0   0.47520E-06  392216.6 3747488.2    29.0     3.49     4.00
3.25     YES                    NO
 L0000962         0   0.47520E-06  392216.7 3747479.6    29.0     3.49     4.00
3.25     YES                    NO
 L0000963         0   0.47520E-06  392233.2 3747556.9    29.0     3.49     4.00
3.25     YES                    NO
 L0000964         0   0.47520E-06  392233.2 3747548.3    29.0     3.49     4.00
3.25     YES                    NO
 L0000965         0   0.47520E-06  392233.2 3747539.7    29.0     3.49     4.00
3.25     YES                    NO
 L0000966         0   0.47520E-06  392233.2 3747531.2    29.0     3.49     4.00
3.25     YES                    NO
 L0000967         0   0.47520E-06  392233.2 3747522.6    29.0     3.49     4.00
3.25     YES                    NO
 L0000968         0   0.47520E-06  392233.1 3747514.0    29.0     3.49     4.00
3.25     YES                    NO
 L0000969         0   0.47520E-06  392233.1 3747505.4    29.0     3.49     4.00
3.25     YES                    NO
 L0000970         0   0.47520E-06  392233.1 3747496.8    29.0     3.49     4.00
3.25     YES                    NO
 L0000971         0   0.47520E-06  392233.1 3747488.2    29.0     3.49     4.00
3.25     YES                    NO
 L0000972         0   0.47520E-06  392233.1 3747479.6    29.0     3.49     4.00
3.25     YES                    NO
 L0000973         0   0.43200E-06  392272.0 3747556.6    29.0     3.49     4.00
3.25     YES                    NO
 L0000974         0   0.43200E-06  392271.9 3747548.0    29.0     3.49     4.00
3.25     YES                    NO
 L0000975         0   0.43200E-06  392271.9 3747539.5    29.0     3.49     4.00
3.25     YES                    NO
 L0000976         0   0.43200E-06  392271.8 3747530.9    29.0     3.49     4.00
3.25     YES                    NO
 L0000977         0   0.43200E-06  392271.8 3747522.3    29.0     3.49     4.00
3.25     YES                    NO
 L0000978         0   0.43200E-06  392271.8 3747513.7    29.0     3.49     4.00
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3.25     YES                    NO
 L0000979         0   0.43200E-06  392271.7 3747505.1    29.0     3.49     4.00
3.25     YES                    NO
 L0000980         0   0.43200E-06  392271.7 3747496.5    29.0     3.49     4.00
3.25     YES                    NO
 L0000981         0   0.43200E-06  392271.6 3747487.9    29.0     3.49     4.00
3.25     YES                    NO
 L0000982         0   0.43200E-06  392271.6 3747479.3    29.0     3.49     4.00
3.25     YES                    NO
 L0000983         0   0.43200E-06  392271.5 3747470.7    29.0     3.49     4.00
3.25     YES                    NO
 L0000984         0   0.16500E-07  391907.2 3747472.2    29.0     3.49     6.51
3.25     YES                    NO
 L0000985         0   0.16500E-07  391907.3 3747458.2    29.0     3.49     6.51
3.25     YES                    NO
 L0000986         0   0.16500E-07  391907.4 3747444.2    29.0     3.49     6.51
3.25     YES                    NO
 L0000987         0   0.16500E-07  391907.5 3747430.2    29.0     3.49     6.51
3.25     YES                    NO
 L0000988         0   0.16500E-07  391907.6 3747416.2    29.0     3.49     6.51
3.25     YES                    NO
 L0000989         0   0.16500E-07  391907.7 3747402.2    29.0     3.49     6.51
3.25     YES                    NO
 L0000990         0   0.16500E-07  391907.8 3747388.2    29.0     3.49     6.51
3.25     YES                    NO
 L0000991         0   0.16500E-07  391907.9 3747374.2    29.0     3.49     6.51
3.25     YES                    NO
```

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 *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -

 L0000992         0   0.16500E-07  391908.0 3747360.2    29.0     3.49     6.51
3.25     YES                    NO
 L0000993         0   0.16500E-07  391908.1 3747346.2    29.0     3.49     6.51
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3.25     YES                    NO
 L0000994         0   0.16500E-07  391908.2 3747332.2    29.0     3.49     6.51
3.25     YES                    NO
 L0000995         0   0.16500E-07  391908.3 3747318.2    29.0     3.49     6.51
3.25     YES                    NO
 L0000996         0   0.16500E-07  391908.4 3747304.2    29.0     3.49     6.51
3.25     YES                    NO
 L0000997         0   0.16500E-07  391908.5 3747290.2    29.0     3.49     6.51
3.25     YES                    NO
 L0000998         0   0.16500E-07  391908.6 3747276.2    29.0     3.49     6.51
3.25     YES                    NO
 L0000999         0   0.10590E-07  391921.0 3747262.5    29.0     3.49     6.51
3.25     YES                    NO
 L0001000         0   0.10590E-07  391935.0 3747262.5    29.0     3.49     6.51
3.25     YES                    NO
 L0001001         0   0.10590E-07  391949.0 3747262.4    29.0     3.49     6.51
3.25     YES                    NO
 L0001002         0   0.10590E-07  391963.0 3747262.3    29.0     3.49     6.51
3.25     YES                    NO
 L0001003         0   0.10590E-07  391977.0 3747262.2    29.0     3.49     6.51
3.25     YES                    NO
 L0001004         0   0.10590E-07  391991.0 3747262.1    29.0     3.49     6.51
3.25     YES                    NO
 L0001005         0   0.10590E-07  392005.0 3747262.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001006         0   0.10590E-07  392019.0 3747261.9    29.0     3.49     6.51
3.25     YES                    NO
 L0001007         0   0.10590E-07  392033.0 3747261.8    29.0     3.49     6.51
3.25     YES                    NO
 L0001008         0   0.10590E-07  392047.0 3747261.8    29.0     3.49     6.51
3.25     YES                    NO
 L0001009         0   0.10590E-07  392061.0 3747261.7    29.0     3.49     6.51
3.25     YES                    NO
 L0001010         0   0.10590E-07  392074.9 3747261.6    29.0     3.49     6.51
3.25     YES                    NO
 L0001011         0   0.10590E-07  392088.9 3747261.5    29.0     3.49     6.51
3.25     YES                    NO
 L0001012         0   0.10590E-07  392102.9 3747261.4    29.0     3.49     6.51
3.25     YES                    NO
 L0001013         0   0.10590E-07  392116.9 3747261.3    29.0     3.49     6.51
3.25     YES                    NO
 L0001014         0   0.10590E-07  392130.9 3747261.2    29.0     3.49     6.51
3.25     YES                    NO
 L0001015         0   0.10590E-07  392144.9 3747261.1    29.0     3.49     6.51
3.25     YES                    NO
 L0001016         0   0.10590E-07  392158.9 3747261.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001017         0   0.10590E-07  392172.9 3747261.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001018         0   0.10590E-07  392186.9 3747260.9    29.0     3.49     6.51
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3.25     YES                    NO
 L0001019         0   0.10590E-07  392200.9 3747260.8    29.0     3.49     6.51
3.25     YES                    NO
 L0001020         0   0.10590E-07  392214.9 3747260.7    29.0     3.49     6.51
3.25     YES                    NO
 L0001021         0   0.10590E-07  392228.9 3747260.6    29.0     3.49     6.51
3.25     YES                    NO
 L0001022         0   0.10590E-07  392242.9 3747260.5    29.0     3.49     6.51
3.25     YES                    NO
 L0001023         0   0.10590E-07  392256.9 3747260.4    29.0     3.49     6.51
3.25     YES                    NO
 L0001024         0   0.10590E-07  392270.9 3747260.3    29.0     3.49     6.51
3.25     YES                    NO
 L0001025         0   0.10590E-07  392284.9 3747260.3    29.0     3.49     6.51
3.25     YES                    NO
 L0001026         0   0.10590E-07  392298.9 3747260.2    29.0     3.49     6.51
3.25     YES                    NO
 L0001027         0   0.10590E-07  392312.9 3747260.1    29.0     3.49     6.51
3.25     YES                    NO
 L0001028         0   0.54450E-08  391907.0 3747256.2    29.0     3.49     6.51
3.25     YES                    NO
 L0001029         0   0.54450E-08  391906.9 3747242.2    29.0     3.49     6.51
3.25     YES                    NO
 L0001030         0   0.54450E-08  391906.8 3747228.2    29.0     3.49     6.51
3.25     YES                    NO
 L0001031         0   0.54450E-08  391906.7 3747214.2    29.0     3.49     6.51
3.25     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14715
Cherry Avenue\14715 Ops\1 ***        12/15/23
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 *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -

 L0001032         0   0.54450E-08  391906.6 3747200.2    29.0     3.49     6.51
3.25     YES                    NO
 L0001033         0   0.54450E-08  391906.5 3747186.2    29.0     3.49     6.51
```

```
3.25     YES                    NO
 L0001034         0   0.54450E-08  391906.4 3747172.2    29.0     3.49     6.51
3.25     YES                    NO
 L0001035         0   0.54450E-08  391906.3 3747158.2    29.0     3.49     6.51
3.25     YES                    NO
 L0001036         0   0.54450E-08  391906.2 3747144.2    29.0     3.49     6.51
3.25     YES                    NO
 L0001037         0   0.54450E-08  391906.1 3747130.2    29.0     3.49     6.51
3.25     YES                    NO
 L0001038         0   0.54450E-08  391906.0 3747116.2    29.0     3.49     6.51
3.25     YES                    NO
 L0001039         0   0.54450E-08  391905.9 3747102.2    29.0     3.49     6.51
3.25     YES                    NO
 L0001040         0   0.54450E-08  391905.8 3747088.2    29.0     3.49     6.51
3.25     YES                    NO
 L0001041         0   0.54450E-08  391905.7 3747074.2    29.0     3.49     6.51
3.25     YES                    NO
 L0001042         0   0.54450E-08  391905.7 3747060.2    29.0     3.49     6.51
3.25     YES                    NO
 L0001043         0   0.54450E-08  391905.6 3747046.2    29.0     3.49     6.51
3.25     YES                    NO
 L0001044         0   0.54450E-08  391905.5 3747032.2    29.0     3.49     6.51
3.25     YES                    NO
 L0001045         0   0.54450E-08  391905.4 3747018.2    29.0     3.49     6.51
3.25     YES                    NO
 L0001046         0   0.54450E-08  391905.3 3747004.2    29.0     3.49     6.51
3.25     YES                    NO
 L0001047         0   0.54450E-08  391905.2 3746990.2    29.0     3.49     6.51
3.25     YES                    NO
↑ *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14715
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS
***

 SRCGROUP ID                                          SOURCE IDs
 -----------                                          ----------


  ALL        L0000712    , L0000713    , L0000714    , L0000715    , L0000716    ,
L0000717    , L0000718    , L0000719    ,

             L0000720    , L0000721    , L0000722    , L0000723    , L0000724    ,
L0000725    , L0000726    , L0000727    ,
```

L0000728 , L0000729 , L0000730 , L0000731 , L0000732 ,
L0000733 , L0000734 , L0000735 ,

L0000736 , L0000737 , L0000738 , L0000739 , L0000740 ,
L0000741 , L0000742 , L0000743 ,

L0000744 , L0000745 , L0000746 , L0000747 , L0000748 ,
L0000749 , L0000750 , L0000751 ,

L0000752 , L0000753 , L0000754 , L0000755 , L0000756 ,
L0000757 , L0000758 , L0000759 ,

L0000760 , L0000761 , L0000762 , L0000763 , L0000764 ,
L0000765 , L0000766 , L0000767 ,

L0000768 , L0000769 , L0000770 , L0000771 , L0000772 ,
L0000773 , L0000774 , L0000775 ,

L0000776 , L0000777 , L0000778 , L0000779 , L0000780 ,
L0000781 , L0000782 , L0000783 ,

L0000784 , L0000785 , L0000786 , L0000787 , L0000788 ,
L0000789 , L0000790 , L0000791 ,

L0000792 , L0000793 , L0000794 , L0000795 , L0000796 ,
L0000797 , L0000798 , L0000799 ,

L0000800 , L0000801 , L0000802 , L0000803 , L0000804 ,
L0000805 , L0000806 , L0000807 ,

L0000808 , L0000809 , L0000810 , L0000811 , L0000812 ,
L0000813 , L0000814 , L0000815 ,

L0000816 , L0000817 , L0000818 , L0000819 , L0000820 ,
L0000821 , L0000822 , L0000823 ,

L0000824 , L0000825 , L0000826 , L0000827 , L0000828 ,
L0000829 , L0000830 , L0000831 ,

L0000832 , L0000833 , L0000834 , L0000835 , L0000836 ,
L0000837 , L0000838 , L0000839 ,

L0000840 , L0000841 , L0000842 , L0000843 , L0000844 ,
L0000845 , L0000846 , L0000847 ,

L0000848 , L0000849 , L0000850 , L0000851 , L0000852 ,
L0000853 , L0000854 , L0000855 ,

L0000856 , L0000857 , L0000858 , L0000859 , L0000860 ,

                                          *** SOURCE IDs DEFINING SOURCE GROUPS
***

 SRCGROUP ID   SOURCE IDs
 -----------   ----------

             L0000872   , L0000873   , L0000874   , L0000875   , L0000876   ,
L0000877   , L0000878   , L0000879   ,

             L0000880   , L0000881   , L0000882   , L0000883   , L0000884   ,
L0000885   , L0000886   , L0000887   ,

             L0000888   , L0000889   , L0000890   , L0000891   , L0000892   ,
L0000893   , L0000894   , L0000895   ,

             L0000896   , L0000897   , L0000898   , L0000899   , L0000900   ,
L0000901   , L0000902   , L0000903   ,

             L0000904   , L0000905   , L0000906   , L0000907   , L0000908   ,
L0000909   , L0000910   , L0000911   ,

             L0000912   , L0000913   , L0000914   , L0000915   , L0000916   ,
L0000917   , L0000918   , L0000919   ,

             L0000920   , L0000921   , L0000922   , L0000923   , L0000924   ,
L0000925   , L0000926   , L0000927   ,

             L0000928   , L0000929   , L0000930   , L0000931   , L0000932   ,
L0000933   , L0000934   , L0000935   ,

             L0000936   , L0000937   , L0000938   , L0000939   , L0000940   ,
L0000941   , L0000942   , L0000943   ,

             L0000944   , L0000945   , L0000946   , L0000947   , L0000948   ,
L0000949   , L0000950   , L0000951   ,

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             L0000952    , L0000953    , L0000954    , L0000955    , L0000956    ,
L0000957    , L0000958    , L0000959    ,

             L0000960    , L0000961    , L0000962    , L0000963    , L0000964    ,
L0000965    , L0000966    , L0000967    ,

             L0000968    , L0000969    , L0000970    , L0000971    , L0000972    ,
L0000973    , L0000974    , L0000975    ,

             L0000976    , L0000977    , L0000978    , L0000979    , L0000980    ,
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    ,
```


*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
L0001032 , L0001033 , L0001034 , L0001035 , L0001036 , L0001037 , L0001038 , L0001039 ,	
L0001040 , L0001041 , L0001042 , L0001043 , L0001044 , L0001045 , L0001046 , L0001047 ,	

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

              9818605.   L0000712   , L0000713   , L0000714   , L0000715   , L0000716   , L0000717   , L0000718   ,
 L0000719   ,

             L0000720   , L0000721   , L0000722   , L0000723   , L0000724   , L0000725   , L0000726   , L0000727   ,

             L0000728   , L0000729   , L0000730   , L0000731   , L0000732   , L0000733   , L0000734   , L0000735   ,

             L0000736   , L0000737   , L0000738   , L0000739   , L0000740   , L0000741   , L0000742   , L0000743   ,

             L0000744   , L0000745   , L0000746   , L0000747   , L0000748   , L0000749   , L0000750   , L0000751   ,

             L0000752   , L0000753   , L0000754   , L0000755   , L0000756   , L0000757   , L0000758   , L0000759   ,

             L0000760   , L0000761   , L0000762   , L0000763   , L0000764   , L0000765   , L0000766   , L0000767   ,

             L0000768   , L0000769   , L0000770   , L0000771   , L0000772   , L0000773   , L0000774   , L0000775   ,

             L0000776   , L0000777   , L0000778   , L0000779   , L0000780   , L0000781   , L0000782   , L0000783   ,

             L0000784   , L0000785   , L0000786   , L0000787   , L0000788   , L0000789   , L0000790   , L0000791   ,

             L0000792   , L0000793   , L0000794   , L0000795   , L0000796   ,

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L0000797    , L0000798    , L0000799    ,

             L0000800    , L0000801    , L0000802    , L0000803    , L0000804    ,
L0000805    , L0000806    , L0000807    ,

             L0000808    , L0000809    , L0000810    , L0000811    , L0000812    ,
L0000813    , L0000814    , L0000815    ,

             L0000816    , L0000817    , L0000818    , L0000819    , L0000820    ,
L0000821    , L0000822    , L0000823    ,

             L0000824    , L0000825    , L0000826    , L0000827    , L0000828    ,
L0000829    , L0000830    , L0000831    ,

             L0000832    , L0000833    , L0000834    , L0000835    , L0000836    ,
L0000837    , L0000838    , L0000839    ,

             L0000840    , L0000841    , L0000842    , L0000843    , L0000844    ,
L0000845    , L0000846    , L0000847    ,

             L0000848    , L0000849    , L0000850    , L0000851    , L0000852    ,
L0000853    , L0000854    , L0000855    ,

             L0000856    , L0000857    , L0000858    , L0000859    , L0000860    ,
L0000861    , L0000862    , L0000863    ,

             L0000864    , L0000865    , L0000866    , L0000867    , L0000868    ,
L0000869    , L0000870    , L0000871    ,
 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14715
Cherry Avenue\14715 Ops\1 ***        12/15/23
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


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

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


             L0000872    , L0000873    , L0000874    , L0000875    , L0000876    ,
L0000877    , L0000878    , L0000879    ,

             L0000880    , L0000881    , L0000882    , L0000883    , L0000884    ,
L0000885    , L0000886    , L0000887    ,
```

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             L0000888    , L0000889    , L0000890    , L0000891    , L0000892    ,
L0000893    , L0000894    , L0000895    ,

             L0000896    , L0000897    , L0000898    , L0000899    , L0000900    ,
L0000901    , L0000902    , L0000903    ,

             L0000904    , L0000905    , L0000906    , L0000907    , L0000908    ,
L0000909    , L0000910    , L0000911    ,

             L0000912    , L0000913    , L0000914    , L0000915    , L0000916    ,
L0000917    , L0000918    , L0000919    ,

             L0000920    , L0000921    , L0000922    , L0000923    , L0000924    ,
L0000925    , L0000926    , L0000927    ,

             L0000928    , L0000929    , L0000930    , L0000931    , L0000932    ,
L0000933    , L0000934    , L0000935    ,

             L0000936    , L0000937    , L0000938    , L0000939    , L0000940    ,
L0000941    , L0000942    , L0000943    ,

             L0000944    , L0000945    , L0000946    , L0000947    , L0000948    ,
L0000949    , L0000950    , L0000951    ,

             L0000952    , L0000953    , L0000954    , L0000955    , L0000956    ,
L0000957    , L0000958    , L0000959    ,

             L0000960    , L0000961    , L0000962    , L0000963    , L0000964    ,
L0000965    , L0000966    , L0000967    ,

             L0000968    , L0000969    , L0000970    , L0000971    , L0000972    ,
L0000973    , L0000974    , L0000975    ,

             L0000976    , L0000977    , L0000978    , L0000979    , L0000980    ,
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    ,
```

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

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

             L0001032   , L0001033   , L0001034   , L0001035   , L0001036   ,
L0001037   , L0001038   , L0001039   ,

             L0001040   , L0001041   , L0001042   , L0001043   , L0001044   ,
L0001045   , L0001046   , L0001047   ,

             STCK1   ,

                                         *** DIRECTION SPECIFIC BUILDING
DIMENSIONS ***

 SOURCE ID: STCK1
  IFV   BH   BW   BL   XADJ   YADJ   IFV   BH   BW   BL   XADJ
   YADJ
    1   15.5, 256.5, 168.2, -67.8, -114.5,   2   15.5, 265.2, 202.5,
-64.8, -108.5,
    3   15.5, 265.8, 230.6, -59.8, -99.2,   4   15.5, 258.4, 251.7,
-53.0, -86.9,
    5   15.5, 243.1, 265.2, -44.6, -72.0,   6   15.5, 220.4, 270.6,
-34.9, -54.9,
    7   15.5, 191.0, 267.8, -24.1, -36.1,   8   15.5, 155.8, 256.9,
-12.5, -16.2,
    9   15.5, 132.5, 241.0,   -3.5,   -4.0,   10   15.5, 168.2, 256.5,

```
-13.7,   16.3,
   11   15.5,  202.5,  265.2,  -24.1,   36.5,     12   15.5,  230.6,  265.8,
-33.6,   55.5,
   13   15.5,  251.7,  258.4,  -42.2,   72.8,     14   15.5,  265.2,  243.1,
-49.5,   88.0,
   15   15.5,  270.6,  220.4,  -55.3,  100.5,     16   15.5,  267.8,  191.0,
-59.4,  109.9,
   17   15.5,  256.9,  155.8,  -61.8,  115.9,     18   15.5,  241.0,  132.5,
-62.2,  117.0,
   19   15.5,  256.5,  168.2, -100.4,  114.5,     20   15.5,  265.2,  202.5,
-137.7,  108.5,
   21   15.5,  265.8,  230.6, -170.8,   99.2,     22   15.5,  258.4,  251.7,
-198.7,   86.9,
   23   15.5,  243.1,  265.2, -220.6,   72.0,     24   15.5,  220.4,  270.6,
-235.8,   54.9,
   25   15.5,  191.0,  267.8, -243.8,   36.1,     26   15.5,  155.8,  256.9,
-244.4,   16.2,
   27   15.5,  132.5,  241.0, -237.6,    4.0,     28   15.5,  168.2,  256.5,
-242.8,  -16.3,
   29   15.5,  202.5,  265.2, -241.1,  -36.5,     30   15.5,  230.6,  265.8,
-232.2,  -55.5,
   31   15.5,  251.7,  258.4, -216.1,  -72.8,     32   15.5,  265.2,  243.1,
-193.5,  -88.0,
   33   15.5,  270.6,  220.4, -165.1, -100.5,     34   15.5,  267.8,  191.0,
-131.6, -109.9,
   35   15.5,  256.9,  155.8,  -94.1, -115.9,     36   15.5,  241.0,  132.5,
-70.3, -117.0,

 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14715
Cherry Avenue\14715 Ops\1 ***        12/15/23
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * 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   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  .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 = 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  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   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
↑ *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14715
Cherry Avenue\14715 Ops\1 ***        12/15/23
 *** AERMET - VERSION  16216 ***   ***
                       ***        11:04:03

                                  PAGE  20
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

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

(391891.2, 3747480.4, 29.0, 29.0, 0.0); (391892.0, 3747456.0, 29.0, 29.0, 0.0);
(391965.0, 3747447.6, 29.0, 29.0, 0.0); (391925.4, 3747447.6, 29.0, 29.0, 0.0);
(392089.4, 3747454.7, 29.0, 29.0, 0.0); (392112.8, 3747454.8, 29.0, 29.0, 0.0);
(392033.3, 3747443.0, 29.0, 29.0, 0.0); (392142.4, 3747442.5, 29.0, 29.0, 0.0);
(392336.7, 3747437.7, 29.0, 29.0, 0.0); (392430.0, 3747448.2, 29.0, 29.0, 0.0);
(392412.4, 3747555.7, 29.0, 29.0, 0.0); (392343.8, 3747480.0, 29.0, 29.0, 0.0);
(392215.5, 3747457.6, 29.0, 29.0, 0.0); (392161.5, 3747408.9, 29.0, 29.0, 0.0);
(391879.2, 3747513.2, 29.0, 29.0, 0.0); (391891.6, 3747547.0, 29.0, 29.0, 0.0);
(391891.8, 3747573.7, 29.0, 29.0, 0.0); (391884.4, 3747601.9, 29.0, 29.0, 0.0);
(391891.1, 3747641.8, 29.0, 29.0, 0.0); (391889.3, 3747663.5, 29.0, 29.0, 0.0);
(391883.5, 3747699.9, 29.0, 29.0, 0.0); (391881.9, 3747730.8, 29.0, 29.0, 0.0);
(391884.4, 3747754.5, 29.0, 29.0, 0.0); (391885.4, 3747780.4, 29.0, 29.0, 0.0);
(391883.8, 3747768.0, 29.0, 29.0, 0.0); (391493.6, 3748488.3, 29.0, 29.0, 0.0);
(391947.1, 3747875.7, 29.0, 29.0, 0.0); (391983.1, 3747875.9, 29.0, 29.0, 0.0);
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(391887.5, 3747815.9, 29.0, 29.0, 0.0); (391874.8, 3747826.1, 29.0, 29.0, 0.0);
(391892.7, 3747852.0, 29.0, 29.0, 0.0); (391892.5, 3747880.5, 29.0, 29.0, 0.0);
(392032.9, 3747873.7, 29.0, 29.0, 0.0); (392140.3, 3747873.4, 29.0, 29.0, 0.0);
(392233.5, 3747864.9, 29.0, 29.0, 0.0); (392523.2, 3747518.4, 28.3, 28.3, 0.0);
(392655.0, 3747574.8, 28.0, 28.0, 0.0); (392733.5, 3747870.8, 27.6, 27.6, 0.0);
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(391928.4, 3748118.6, 29.0, 29.0, 0.0); (391927.6,

```
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     ( 391892.5, 3747904.7,      29.0,      29.0,       0.0);         ( 391892.0,
3747917.8,      29.0,      29.0,       0.0);
     ( 391891.1, 3747931.7,      29.0,      29.0,       0.0);         ( 391885.3,
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     ( 391893.3, 3747955.0,      29.0,      29.0,       0.0);         ( 391893.8,
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3748035.6,      29.0,      29.0,       0.0);
     ( 391893.8, 3748088.4,      29.0,      29.0,       0.0);         ( 391894.6,
3748143.8,      29.0,      29.0,       0.0);
     ( 391894.1, 3748120.5,      29.0,      29.0,       0.0);         ( 391894.6,
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     ( 391891.1, 3748182.9,      29.0,      29.0,       0.0);         ( 391893.0,
3748196.0,      29.0,      29.0,       0.0);
     ( 391927.3, 3748191.7,      29.0,      29.0,       0.0);         ( 391928.6,
3748236.1,      29.0,      29.0,       0.0);
     ( 391928.6, 3748260.0,      29.0,      29.0,       0.0);         ( 391894.4,
3748207.5,      29.0,      29.0,       0.0);
     ( 391891.1, 3748220.1,      29.0,      29.0,       0.0);         ( 391891.1,
3748231.1,      29.0,      29.0,       0.0);
     ( 391891.1, 3748243.4,      29.0,      29.0,       0.0);         ( 391891.1,
3748255.7,      29.0,      29.0,       0.0);
     ( 391895.2, 3748287.0,      29.0,      29.0,       0.0);         ( 391895.4,
3748311.1,      29.0,      29.0,       0.0);
     ( 391886.1, 3748326.9,      29.0,      29.0,       0.0);         ( 391893.8,
3748337.1,      29.0,      29.0,       0.0);
     ( 391896.5, 3748354.0,      29.0,      29.0,       0.0);         ( 391943.5,
3748329.0,      29.0,      29.0,       0.0);
     ( 391942.1, 3748346.0,      29.0,      29.0,       0.0);         ( 391935.3,
3748361.9,      29.0,      29.0,       0.0);
     ( 391897.0, 3748404.4,      29.0,      29.0,       0.0);         ( 391938.9,
3748376.1,      29.0,      29.0,       0.0);
     ( 391932.5, 3748387.6,      29.0,      29.0,       0.0);         ( 391891.7,
3748427.3,      29.0,      29.0,       0.0);
     ( 391929.1, 3748405.4,      29.0,      29.0,       0.0);         ( 391929.4,
3748424.2,      29.0,      29.0,       0.0);
     ( 391929.7, 3748439.2,      29.0,      29.0,       0.0);         ( 391928.7,
3748454.6,      29.0,      29.0,       0.0);
     ( 391897.0, 3748453.1,      29.0,      29.0,       0.0);         ( 391866.1,
3747496.0,      29.0,      29.0,       0.0);
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3747526.9,      29.0,      29.0,       0.0);
     ( 391854.2, 3747514.0,      29.0,      29.0,       0.0);         ( 391855.2,
3747538.9,      29.0,      29.0,       0.0);
↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14715
Cherry Avenue\14715 Ops\1 ***        12/15/23
 *** AERMET - VERSION  16216 ***   ***
                        ***       11:04:03
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(391855.5, 3747549.8, 29.0, 29.0, 0.0); (392423.8, 3747240.4, 29.0, 29.0, 0.0);
(391889.9, 3747651.9, 29.0, 29.0, 0.0); (391854.0, 3747577.0, 29.0, 29.0, 0.0);
(391854.2, 3747603.1, 29.0, 29.0, 0.0); (391855.0, 3747615.6, 29.0, 29.0, 0.0);
(391855.6, 3747626.4, 29.0, 29.0, 0.0); (391854.1, 3747455.5, 29.0, 29.0, 0.0);
(391853.4, 3747443.5, 29.0, 29.0, 0.0); (391888.7, 3747380.1, 29.0, 29.0, 0.0);
(391853.6, 3747430.3, 29.0, 29.0, 0.0); (391842.3, 3747485.1, 29.0, 29.0, 0.0);
(391705.1, 3747221.2, 29.0, 29.0, 0.0); (391890.3, 3747198.7, 29.0, 29.0, 0.0);
(391791.8, 3747248.3, 29.0, 29.0, 0.0); (391949.7, 3747281.3, 29.0, 29.0, 0.0);
(391985.2, 3747284.9, 29.0, 29.0, 0.0); (391940.7, 3747246.2, 29.0, 29.0, 0.0);
(392329.9, 3747221.8, 29.0, 29.0, 0.0); (392324.0, 3747121.0, 29.0, 29.0, 0.0);
(392229.1, 3747286.8, 29.0, 29.0, 0.0); (392136.5, 3747240.6, 29.0, 29.0, 0.0);
(391855.0, 3747279.9, 29.0, 29.0, 0.0); (392423.3, 3747128.9, 29.0, 29.0, 0.0);
(391886.6, 3747060.7, 29.0, 29.0, 0.0); (391879.1, 3746997.1, 29.0, 29.0, 0.0);
(391941.7, 3747060.7, 29.0, 29.0, 0.0); (391925.5, 3747143.1, 29.0, 29.0, 0.0);
(392746.9, 3747239.2, 27.4, 27.4, 0.0); (392723.5, 3747205.7, 27.7, 27.7, 0.0);
(391954.4, 3747977.3, 29.0, 29.0, 0.0); (391862.0, 3747248.5, 29.0, 29.0, 0.0);
(392161.7, 3747457.7, 29.0, 29.0, 0.0); (391709.3, 3747247.8, 29.0, 29.0, 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

                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,
↑ *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14715
Cherry Avenue\14715 Ops\1 ***       12/15/23
 *** AERMET - VERSION  16216 ***   ***
                        ***       11:04:03

                                   PAGE  23
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                    *** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL
DATA ***

   Surface file:   KLGB_V9_ADJU\KLGB_v9.SFC
                  Met Version:  16216
   Profile file:   KLGB_V9_ADJU\KLGB_v9.PFL

   Surface format: FREE

   Profile format: FREE

   Surface station no.:    23129                  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	-5.3	0.094	-9.000	-9.000	-999.	70.	14.3	0.10	2.68	1.00	1.13	322.	7.9	282.0	2.0
12	01	01	1	02	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.10	2.68	1.00	0.00	0.	7.9	281.4	2.0
12	01	01	1	03	-2.5	0.068	-9.000	-9.000	-999.	43.	11.4	0.10	2.68	1.00	0.74	79.	7.9	280.9	2.0
12	01	01	1	04	-3.2	0.075	-9.000	-9.000	-999.	49.	11.7	0.10	2.68	1.00	0.86	137.	7.9	280.9	2.0
12	01	01	1	05	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.10	2.68	1.00	0.00	0.	7.9	280.4	2.0
12	01	01	1	06	-5.2	0.093	-9.000	-9.000	-999.	68.	14.0	0.10	2.68	1.00	1.11	92.	7.9	279.9	2.0
12	01	01	1	07	-2.3	0.066	-9.000	-9.000	-999.	41.	11.5	0.10	2.68	1.00	0.69	67.	7.9	278.8	2.0
12	01	01	1	08	-1.7	0.060	-9.000	-9.000	-999.	36.	11.4	0.10	2.68	0.54	0.65	91.	7.9	279.9	2.0
12	01	01	1	09	36.2	-9.000	-9.000	-9.000	37.	-999.	-99999.0	0.10	2.68	0.31	0.00	0.	7.9	283.8	2.0
12	01	01	1	10	108.4	0.139	0.707	0.009	119.	124.	-2.3	0.10	2.68	0.24	0.92	319.	7.9	287.5	2.0
12	01	01	1	11	160.5	0.114	1.137	0.005	334.	93.	-1.0	0.10	2.68	0.21	0.62	23.	7.9	292.5	2.0
12	01	01	1	12	186.7	0.125	1.473	0.005	623.	105.	-1.0	0.10	2.68	0.20	0.69	18.	7.9	295.4	2.0
12	01	01	1	13	186.8	0.130	1.761	0.005	1065.	112.	-1.1	0.10	2.68	0.20	0.74	250.	7.9	297.5	2.0
12	01	01	1	14	161.7	0.150	1.834	0.005	1387.	139.	-1.9	0.10	2.68	0.21	0.96	347.	7.9	300.4	2.0
12	01	01	1	15	105.5	0.243	1.633	0.005	1499.	288.	-12.4	0.10	2.68	0.24	2.11	194.	7.9	295.9	2.0
12	01	01	1	16	32.4	0.211	1.109	0.005	1530.	233.	-26.3	0.10	2.68	0.33	1.98	186.	7.9	295.4	2.0
12	01	01	1	17	-20.5	0.250	-9.000	-9.000	-999.	300.	69.2	0.10	2.68	0.60	2.81	293.	7.9	291.4	2.0
12	01	01	1	18	-25.4	0.257	-9.000	-9.000	-999.	313.	72.8	0.10	2.68	1.00	2.90	301.	7.9	288.1	2.0
12	01	01	1	19	-21.0	0.211	-9.000	-9.000	-999.	233.	49.0	0.10	2.68	1.00	2.40	313.	7.9	286.4	2.0
12	01	01	1	20	-25.7	0.258	-9.000	-9.000	-999.	315.	73.3	0.10	2.68	1.00	2.91	302.	7.9	286.4	2.0
12	01	01	1	21	-22.5	0.225	-9.000	-9.000	-999.	256.	55.7	0.10	2.68						

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1.00    2.55  306.    7.9  285.4    2.0
 12 01 01   1 22   -9.3  0.126 -9.000 -9.000 -999.  111.     19.5  0.10   2.68
1.00    1.48  284.    7.9  285.9    2.0
 12 01 01   1 23  -21.4  0.214 -9.000 -9.000 -999.  237.     50.3  0.10   2.68
1.00    2.43  282.    7.9  285.4    2.0
 12 01 01   1 24  -30.1  0.300 -9.000 -9.000 -999.  394.     98.9  0.10   2.68
1.00    3.36  300.    7.9  284.2    2.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01    7.9 1  322.    1.13   282.1   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14715
Cherry Avenue\14715 Ops\1 ***        12/15/23
 *** AERMET - VERSION  16216 ***   ***
                        ***        11:04:03

                                   PAGE  24
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     L0000712    , L0000713
 , L0000714    , L0000715    , L0000716    ,
                 L0000717    , L0000718    , L0000719    , L0000720    , L0000721
 , L0000722    , L0000723    , L0000724    ,
                 L0000725    , L0000726    , L0000727    , L0000728    , L0000729
 , L0000730    , L0000731    , L0000732    ,
                 L0000733    , L0000734    , L0000735    , L0000736    , L0000737
 , L0000738    , L0000739    ,  . . .      ,

                                             *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         391891.24    3747480.41        0.00172                      391892.01
3747456.00        0.00145
         391965.04    3747447.61        0.00250                      391925.38
3747447.61        0.00183
         392089.38    3747454.66        0.00396                      392112.83
3747454.85        0.00408
         392033.31    3747443.03        0.00287                      392142.39
```

3747442.46 0.00337
392336.71 3747437.69 0.00172 392429.96
3747448.18 0.00078
392412.42 3747555.73 0.00070 392343.77
3747480.03 0.00185
392215.51 3747457.59 0.00551 392161.48
3747408.94 0.00218
391879.25 3747513.22 0.00168 391891.65
3747546.98 0.00199
391891.84 3747573.68 0.00186 391884.40
3747601.90 0.00171
391891.08 3747641.76 0.00196 391889.35
3747663.46 0.00178
391883.45 3747699.92 0.00136 391881.92
3747730.82 0.00120
391884.40 3747754.47 0.00115 391885.36
3747780.40 0.00107
391883.83 3747768.01 0.00109 391493.56
3748488.26 0.00008
391947.12 3747875.71 0.00086 391983.08
3747875.94 0.00077
391885.46 3747791.74 0.00103 391889.32
3747804.03 0.00105
391887.50 3747815.86 0.00099 391874.76
3747826.10 0.00082
391892.74 3747852.04 0.00097 391892.51
3747880.49 0.00091
392032.89 3747873.67 0.00073 392140.29
3747873.36 0.00059
392233.52 3747864.86 0.00048 392523.19
3747518.42 0.00038
392655.00 3747574.84 0.00020 392733.47
3747870.77 0.00012
391927.56 3747940.84 0.00089 391927.83
3747987.42 0.00083
391940.95 3748045.52 0.00064 391926.76
3748083.27 0.00076
391928.37 3748118.62 0.00072 391927.56
3748149.14 0.00072
391892.49 3747904.69 0.00086 391891.96
3747917.81 0.00083
391891.15 3747931.74 0.00079 391885.26
3747942.98 0.00071
391893.29 3747955.03 0.00079 391893.83
3747978.59 0.00077
391893.03 3747994.39 0.00074 391885.80
3748035.62 0.00061
391893.83 3748088.36 0.00067 391894.63
3748143.78 0.00064
391894.10 3748120.49 0.00065 391894.63

```
3748155.30        0.00063
         391891.15    3748182.87        0.00057                        391893.03
3748195.99        0.00059
         391927.30    3748191.71        0.00070                        391928.64
3748236.15        0.00067
         391928.64    3748259.98        0.00066                        391894.37
3748207.50        0.00060
         391891.15    3748220.09        0.00055                        391891.15
3748231.06        0.00055
         391891.15    3748243.38        0.00054                        391891.15
3748255.70        0.00054
         391895.17    3748287.02        0.00058                        391895.44
3748311.12        0.00057
         391886.07    3748326.91        0.00046                        391893.83
3748337.09        0.00054
         391896.46    3748353.98        0.00058                        391943.47
3748329.02        0.00048
         391942.12    3748346.05        0.00049                        391935.35
3748361.91        0.00055
         391897.02    3748404.40        0.00057                        391938.93
3748376.12        0.00051
         391932.47    3748387.64        0.00058                        391891.74
3748427.33        0.00049
 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14715
Cherry Avenue\14715 Ops\1 ***        12/15/23
 *** AERMET - VERSION  16216 ***   ***
                        ***        11:04:03

                                   PAGE  25
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000712    , L0000713
 , L0000714    , L0000715    , L0000716    ,
                 L0000717    , L0000718    , L0000719    , L0000720    , L0000721
 , L0000722    , L0000723    , L0000724    ,
                 L0000725    , L0000726    , L0000727    , L0000728    , L0000729
 , L0000730    , L0000731    , L0000732    ,
                 L0000733    , L0000734    , L0000735    , L0000736    , L0000737
 , L0000738    , L0000739    ,  . . .      ,

                                              *** 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
```

- -
391929.07 3748405.45 0.00063 391929.40
3748424.21 0.00062
391929.73 3748439.17 0.00062 391928.74
3748454.63 0.00063
391897.00 3748453.15 0.00055 391866.08
3747495.99 0.00137
391854.46 3747480.49 0.00110 391855.46
3747526.86 0.00128
391854.21 3747513.99 0.00126 391855.21
3747538.86 0.00129
391855.46 3747549.85 0.00128 392423.79
3747240.43 0.00042
391889.87 3747651.95 0.00188 391853.95
3747577.01 0.00121
391854.20 3747603.13 0.00116 391854.95
3747615.63 0.00116
391855.57 3747626.38 0.00116 391854.14
3747455.54 0.00094
391853.42 3747443.48 0.00088 391888.71
3747380.11 0.00079
391853.60 3747430.34 0.00082 391842.26
3747485.07 0.00099
391705.13 3747221.17 0.00020 391890.27
3747198.72 0.00033
391791.77 3747248.29 0.00028 391949.67
3747281.26 0.00058
391985.25 3747284.90 0.00062 391940.70
3747246.23 0.00048
392329.91 3747221.85 0.00045 392324.03
3747120.98 0.00028
392229.13 3747286.81 0.00072 392136.50
3747240.65 0.00058
391854.99 3747279.92 0.00040 392423.35
3747128.94 0.00027
391886.64 3747060.69 0.00020 391879.06
3746997.07 0.00016
391941.70 3747060.69 0.00021 391925.54
3747143.11 0.00028
392746.87 3747239.16 0.00019 392723.45
3747205.70 0.00020
391954.43 3747977.29 0.00064 391862.05
3747248.50 0.00036
392161.72 3747457.66 0.00452 391709.32
3747247.77 0.00022

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM PERIOD (43848 HRS) RESULTS ***

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

GROUP ID	NETWORK	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
ALL	1ST HIGHEST VALUE IS	0.00551	AT (392215.51, 3747457.59, 29.00, 29.00, 0.00)	DC	
	2ND HIGHEST VALUE IS	0.00452	AT (392161.72, 3747457.66, 29.00, 29.00, 0.00)	DC	
	3RD HIGHEST VALUE IS	0.00408	AT (392112.83, 3747454.85, 29.00, 29.00, 0.00)	DC	
	4TH HIGHEST VALUE IS	0.00396	AT (392089.38, 3747454.66, 29.00, 29.00, 0.00)	DC	
	5TH HIGHEST VALUE IS	0.00337	AT (392142.39, 3747442.46, 29.00, 29.00, 0.00)	DC	
	6TH HIGHEST VALUE IS	0.00287	AT (392033.31, 3747443.03, 29.00, 29.00, 0.00)	DC	
	7TH HIGHEST VALUE IS	0.00250	AT (391965.04, 3747447.61, 29.00, 29.00, 0.00)	DC	
	8TH HIGHEST VALUE IS	0.00218	AT (392161.48, 3747408.94, 29.00, 29.00, 0.00)	DC	
	9TH HIGHEST VALUE IS	0.00199	AT (391891.65, 3747546.98, 29.00, 29.00, 0.00)	DC	
	10TH HIGHEST VALUE IS	0.00196	AT (391891.08, 3747641.76, 29.00, 29.00, 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            3 Warning Message(s)
 A Total of         1017 Informational Message(s)

 A Total of        43848 Hours Were Processed

 A Total of          747 Calm Hours Identified

 A Total of          270 Missing Hours Identified (  0.62 Percent)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 SO W320     894        PPARM: Input Parameter May Be Out-of-Range for Parameter
        VS
 ME W186     980       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
      0.50
 ME W187     980       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. 12.0.0
** Lakes Environmental Software Inc.
** Date: 12/15/2023
** File: C:\Users\Michael Tirohn\Desktop\HRAs\14715 Cherry Avenue\14715-05
HRA\14715 Ops Opt 5 HRA\14715 Ops Opt 5 HRA.ADI
**
***************************************
**
**
***************************************
** AERMOD Control Pathway
***************************************
**
```

```
**
CO STARTING
   TITLEONE C:\Users\Michael Tirohn\Desktop\HRAs\14715 Cherry Avenue\14715 Ops\1
   MODELOPT DFAULT CONC
   AVERTIME PERIOD
   URBANOPT 9818605 Los_Angeles_County
   POLLUTID DPM
   RUNORNOT RUN
   ERRORFIL "14715 Ops Opt 5 HRA.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 Idling
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 0.000319
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 391987.206, 3747501.881, 29.00, 3.49, 4.00
** 392183.944, 3747499.539, 29.00, 3.49, 4.00
** ------------------------------------------------------------------
   LOCATION L0001384     VOLUME   391991.501 3747501.830 29.00
   LOCATION L0001385     VOLUME   392000.090 3747501.728 29.00
   LOCATION L0001386     VOLUME   392008.680 3747501.625 29.00
   LOCATION L0001387     VOLUME   392017.269 3747501.523 29.00
   LOCATION L0001388     VOLUME   392025.858 3747501.421 29.00
   LOCATION L0001389     VOLUME   392034.448 3747501.319 29.00
   LOCATION L0001390     VOLUME   392043.037 3747501.216 29.00
   LOCATION L0001391     VOLUME   392051.627 3747501.114 29.00
   LOCATION L0001392     VOLUME   392060.216 3747501.012 29.00
   LOCATION L0001393     VOLUME   392068.805 3747500.910 29.00
   LOCATION L0001394     VOLUME   392077.395 3747500.807 29.00
   LOCATION L0001395     VOLUME   392085.984 3747500.705 29.00
   LOCATION L0001396     VOLUME   392094.574 3747500.603 29.00
   LOCATION L0001397     VOLUME   392103.163 3747500.500 29.00
   LOCATION L0001398     VOLUME   392111.752 3747500.398 29.00
   LOCATION L0001399     VOLUME   392120.342 3747500.296 29.00
   LOCATION L0001400     VOLUME   392128.931 3747500.194 29.00
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   LOCATION L0001401     VOLUME   392137.521 3747500.091 29.00
   LOCATION L0001402     VOLUME   392146.110 3747499.989 29.00
   LOCATION L0001403     VOLUME   392154.699 3747499.887 29.00
   LOCATION L0001404     VOLUME   392163.289 3747499.785 29.00
   LOCATION L0001405     VOLUME   392171.878 3747499.682 29.00
   LOCATION L0001406     VOLUME   392180.468 3747499.580 29.00
** End of LINE VOLUME Source ID = SLINE1
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE3
** DESCRSRC Cherry 85%
** PREFIX
** Length of Side = 14.00
** Configuration = Adjacent
** Emission Rate = 0.00005608
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 6
** 391907.437, 3747479.975, 29.00, 3.49, 6.51
** 391907.990, 3747726.789, 29.00, 3.49, 6.51
** 391910.548, 3748040.953, 29.00, 3.49, 6.51
** 391913.105, 3748463.979, 29.00, 3.49, 6.51
** 391914.201, 3748762.435, 29.00, 3.49, 6.51
** 391914.931, 3749068.928, 29.00, 3.49, 6.51
** ----------------------------------------------------------------------
   LOCATION L0001407     VOLUME   391907.452 3747486.975 29.00
   LOCATION L0001408     VOLUME   391907.484 3747500.975 29.00
   LOCATION L0001409     VOLUME   391907.515 3747514.975 29.00
   LOCATION L0001410     VOLUME   391907.547 3747528.975 29.00
   LOCATION L0001411     VOLUME   391907.578 3747542.975 29.00
   LOCATION L0001412     VOLUME   391907.609 3747556.975 29.00
   LOCATION L0001413     VOLUME   391907.641 3747570.975 29.00
   LOCATION L0001414     VOLUME   391907.672 3747584.975 29.00
   LOCATION L0001415     VOLUME   391907.704 3747598.975 29.00
   LOCATION L0001416     VOLUME   391907.735 3747612.975 29.00
   LOCATION L0001417     VOLUME   391907.766 3747626.975 29.00
   LOCATION L0001418     VOLUME   391907.798 3747640.975 29.00
   LOCATION L0001419     VOLUME   391907.829 3747654.975 29.00
   LOCATION L0001420     VOLUME   391907.861 3747668.975 29.00
   LOCATION L0001421     VOLUME   391907.892 3747682.975 29.00
   LOCATION L0001422     VOLUME   391907.924 3747696.975 29.00
   LOCATION L0001423     VOLUME   391907.955 3747710.975 29.00
   LOCATION L0001424     VOLUME   391907.986 3747724.975 29.00
   LOCATION L0001425     VOLUME   391908.090 3747738.974 29.00
   LOCATION L0001426     VOLUME   391908.204 3747752.974 29.00
   LOCATION L0001427     VOLUME   391908.318 3747766.973 29.00
   LOCATION L0001428     VOLUME   391908.431 3747780.973 29.00
   LOCATION L0001429     VOLUME   391908.545 3747794.972 29.00
   LOCATION L0001430     VOLUME   391908.659 3747808.972 29.00
   LOCATION L0001431     VOLUME   391908.773 3747822.971 29.00
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LOCATION L0001432 VOLUME 391908.887 3747836.971 29.00
LOCATION L0001433 VOLUME 391909.001 3747850.971 29.00
LOCATION L0001434 VOLUME 391909.115 3747864.970 29.00
LOCATION L0001435 VOLUME 391909.229 3747878.970 29.00
LOCATION L0001436 VOLUME 391909.343 3747892.969 29.00
LOCATION L0001437 VOLUME 391909.457 3747906.969 29.00
LOCATION L0001438 VOLUME 391909.571 3747920.968 29.00
LOCATION L0001439 VOLUME 391909.685 3747934.968 29.00
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LOCATION L0001441 VOLUME 391909.913 3747962.967 29.00
LOCATION L0001442 VOLUME 391910.027 3747976.966 29.00
LOCATION L0001443 VOLUME 391910.141 3747990.966 29.00
LOCATION L0001444 VOLUME 391910.255 3748004.965 29.00
LOCATION L0001445 VOLUME 391910.369 3748018.965 29.00
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LOCATION L0001448 VOLUME 391910.669 3748060.964 29.00
LOCATION L0001449 VOLUME 391910.753 3748074.964 29.00
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LOCATION L0001451 VOLUME 391910.922 3748102.963 29.00
LOCATION L0001452 VOLUME 391911.007 3748116.963 29.00
LOCATION L0001453 VOLUME 391911.092 3748130.963 29.00
LOCATION L0001454 VOLUME 391911.176 3748144.962 29.00
LOCATION L0001455 VOLUME 391911.261 3748158.962 29.00
LOCATION L0001456 VOLUME 391911.346 3748172.962 29.00
LOCATION L0001457 VOLUME 391911.430 3748186.962 29.00
LOCATION L0001458 VOLUME 391911.515 3748200.961 29.00
LOCATION L0001459 VOLUME 391911.599 3748214.961 29.00
LOCATION L0001460 VOLUME 391911.684 3748228.961 29.00
LOCATION L0001461 VOLUME 391911.769 3748242.961 29.00
LOCATION L0001462 VOLUME 391911.853 3748256.960 29.00
LOCATION L0001463 VOLUME 391911.938 3748270.960 29.00
LOCATION L0001464 VOLUME 391912.023 3748284.960 29.00
LOCATION L0001465 VOLUME 391912.107 3748298.960 29.00
LOCATION L0001466 VOLUME 391912.192 3748312.959 29.00
LOCATION L0001467 VOLUME 391912.276 3748326.959 29.00
LOCATION L0001468 VOLUME 391912.361 3748340.959 29.00
LOCATION L0001469 VOLUME 391912.446 3748354.959 29.00
LOCATION L0001470 VOLUME 391912.530 3748368.958 29.00
LOCATION L0001471 VOLUME 391912.615 3748382.958 29.00
LOCATION L0001472 VOLUME 391912.700 3748396.958 29.00
LOCATION L0001473 VOLUME 391912.784 3748410.958 29.00
LOCATION L0001474 VOLUME 391912.869 3748424.957 29.00
LOCATION L0001475 VOLUME 391912.953 3748438.957 29.00
LOCATION L0001476 VOLUME 391913.038 3748452.957 29.00
LOCATION L0001477 VOLUME 391913.116 3748466.957 29.00
LOCATION L0001478 VOLUME 391913.167 3748480.956 29.00
LOCATION L0001479 VOLUME 391913.218 3748494.956 29.00
LOCATION L0001480 VOLUME 391913.270 3748508.956 29.00
LOCATION L0001481 VOLUME 391913.321 3748522.956 29.00

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   LOCATION L0001482     VOLUME   391913.373 3748536.956 29.00
   LOCATION L0001483     VOLUME   391913.424 3748550.956 29.00
   LOCATION L0001484     VOLUME   391913.476 3748564.956 29.00
   LOCATION L0001485     VOLUME   391913.527 3748578.956 29.00
   LOCATION L0001486     VOLUME   391913.578 3748592.956 29.00
   LOCATION L0001487     VOLUME   391913.630 3748606.956 29.00
   LOCATION L0001488     VOLUME   391913.681 3748620.955 29.00
   LOCATION L0001489     VOLUME   391913.733 3748634.955 29.00
   LOCATION L0001490     VOLUME   391913.784 3748648.955 29.00
   LOCATION L0001491     VOLUME   391913.835 3748662.955 29.00
   LOCATION L0001492     VOLUME   391913.887 3748676.955 29.00
   LOCATION L0001493     VOLUME   391913.938 3748690.955 29.00
   LOCATION L0001494     VOLUME   391913.990 3748704.955 29.00
   LOCATION L0001495     VOLUME   391914.041 3748718.955 29.00
   LOCATION L0001496     VOLUME   391914.092 3748732.955 29.00
   LOCATION L0001497     VOLUME   391914.144 3748746.955 29.00
   LOCATION L0001498     VOLUME   391914.195 3748760.955 29.00
   LOCATION L0001499     VOLUME   391914.231 3748774.954 29.00
   LOCATION L0001500     VOLUME   391914.264 3748788.954 29.00
   LOCATION L0001501     VOLUME   391914.297 3748802.954 29.00
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   LOCATION L0001504     VOLUME   391914.397 3748844.954 29.00
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   LOCATION L0001506     VOLUME   391914.464 3748872.954 29.00
   LOCATION L0001507     VOLUME   391914.497 3748886.954 29.00
   LOCATION L0001508     VOLUME   391914.531 3748900.954 29.00
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   LOCATION L0001517     VOLUME   391914.831 3749026.954 29.00
   LOCATION L0001518     VOLUME   391914.865 3749040.954 29.00
   LOCATION L0001519     VOLUME   391914.898 3749054.954 29.00
** End of LINE VOLUME Source ID = SLINE3
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE4
** DESCRSRC Onsite
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 0.0001192
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 9
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** 391917.927, 3747628.244, 29.00, 3.49, 4.00
** 392190.669, 3747625.701, 29.00, 3.49, 4.00
** 392189.610, 3747569.330, 29.00, 3.49, 4.00
** 392197.027, 3747558.522, 29.00, 3.49, 4.00
** 392198.510, 3747480.747, 29.00, 3.49, 4.00
** 392181.769, 3747479.052, 29.00, 3.49, 4.00
** 392066.484, 3747479.900, 29.00, 3.49, 4.00
** 391962.430, 3747480.324, 29.00, 3.49, 4.00
** 391919.410, 3747481.171, 29.00, 3.49, 4.00
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   LOCATION L0001520     VOLUME   391922.222 3747628.204 29.00
   LOCATION L0001521     VOLUME   391930.811 3747628.124 29.00
   LOCATION L0001522     VOLUME   391939.401 3747628.044 29.00
   LOCATION L0001523     VOLUME   391947.991 3747627.964 29.00
   LOCATION L0001524     VOLUME   391956.580 3747627.884 29.00
   LOCATION L0001525     VOLUME   391965.170 3747627.804 29.00
   LOCATION L0001526     VOLUME   391973.760 3747627.724 29.00
   LOCATION L0001527     VOLUME   391982.349 3747627.644 29.00
   LOCATION L0001528     VOLUME   391990.939 3747627.564 29.00
   LOCATION L0001529     VOLUME   391999.528 3747627.484 29.00
   LOCATION L0001530     VOLUME   392008.118 3747627.403 29.00
   LOCATION L0001531     VOLUME   392016.708 3747627.323 29.00
   LOCATION L0001532     VOLUME   392025.297 3747627.243 29.00
   LOCATION L0001533     VOLUME   392033.887 3747627.163 29.00
   LOCATION L0001534     VOLUME   392042.477 3747627.083 29.00
   LOCATION L0001535     VOLUME   392051.066 3747627.003 29.00
   LOCATION L0001536     VOLUME   392059.656 3747626.923 29.00
   LOCATION L0001537     VOLUME   392068.245 3747626.843 29.00
   LOCATION L0001538     VOLUME   392076.835 3747626.763 29.00
   LOCATION L0001539     VOLUME   392085.425 3747626.683 29.00
   LOCATION L0001540     VOLUME   392094.014 3747626.603 29.00
   LOCATION L0001541     VOLUME   392102.604 3747626.522 29.00
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   LOCATION L0001543     VOLUME   392119.783 3747626.362 29.00
   LOCATION L0001544     VOLUME   392128.373 3747626.282 29.00
   LOCATION L0001545     VOLUME   392136.963 3747626.202 29.00
   LOCATION L0001546     VOLUME   392145.552 3747626.122 29.00
   LOCATION L0001547     VOLUME   392154.142 3747626.042 29.00
   LOCATION L0001548     VOLUME   392162.731 3747625.962 29.00
   LOCATION L0001549     VOLUME   392171.321 3747625.882 29.00
   LOCATION L0001550     VOLUME   392179.911 3747625.802 29.00
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   LOCATION L0001552     VOLUME   392190.549 3747619.282 29.00
   LOCATION L0001553     VOLUME   392190.387 3747610.693 29.00
   LOCATION L0001554     VOLUME   392190.226 3747602.105 29.00
   LOCATION L0001555     VOLUME   392190.064 3747593.516 29.00
   LOCATION L0001556     VOLUME   392189.903 3747584.928 29.00
   LOCATION L0001557     VOLUME   392189.741 3747576.339 29.00
   LOCATION L0001558     VOLUME   392190.504 3747568.028 29.00
   LOCATION L0001559     VOLUME   392195.364 3747560.945 29.00
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   LOCATION L0001560     VOLUME   392197.135 3747552.872 29.00
   LOCATION L0001561     VOLUME   392197.299 3747544.283 29.00
   LOCATION L0001562     VOLUME   392197.462 3747535.695 29.00
   LOCATION L0001563     VOLUME   392197.626 3747527.106 29.00
   LOCATION L0001564     VOLUME   392197.790 3747518.518 29.00
   LOCATION L0001565     VOLUME   392197.954 3747509.930 29.00
   LOCATION L0001566     VOLUME   392198.118 3747501.341 29.00
   LOCATION L0001567     VOLUME   392198.281 3747492.753 29.00
   LOCATION L0001568     VOLUME   392198.445 3747484.164 29.00
   LOCATION L0001569     VOLUME   392193.364 3747480.226 29.00
   LOCATION L0001570     VOLUME   392184.818 3747479.361 29.00
   LOCATION L0001571     VOLUME   392176.244 3747479.093 29.00
   LOCATION L0001572     VOLUME   392167.654 3747479.156 29.00
   LOCATION L0001573     VOLUME   392159.064 3747479.219 29.00
   LOCATION L0001574     VOLUME   392150.474 3747479.282 29.00
   LOCATION L0001575     VOLUME   392141.885 3747479.345 29.00
   LOCATION L0001576     VOLUME   392133.295 3747479.408 29.00
   LOCATION L0001577     VOLUME   392124.705 3747479.472 29.00
   LOCATION L0001578     VOLUME   392116.115 3747479.535 29.00
   LOCATION L0001579     VOLUME   392107.526 3747479.598 29.00
   LOCATION L0001580     VOLUME   392098.936 3747479.661 29.00
   LOCATION L0001581     VOLUME   392090.346 3747479.724 29.00
   LOCATION L0001582     VOLUME   392081.756 3747479.787 29.00
   LOCATION L0001583     VOLUME   392073.166 3747479.851 29.00
   LOCATION L0001584     VOLUME   392064.577 3747479.907 29.00
   LOCATION L0001585     VOLUME   392055.987 3747479.942 29.00
   LOCATION L0001586     VOLUME   392047.397 3747479.977 29.00
   LOCATION L0001587     VOLUME   392038.807 3747480.012 29.00
   LOCATION L0001588     VOLUME   392030.217 3747480.047 29.00
   LOCATION L0001589     VOLUME   392021.627 3747480.082 29.00
   LOCATION L0001590     VOLUME   392013.037 3747480.117 29.00
   LOCATION L0001591     VOLUME   392004.447 3747480.152 29.00
   LOCATION L0001592     VOLUME   391995.857 3747480.187 29.00
   LOCATION L0001593     VOLUME   391987.267 3747480.222 29.00
   LOCATION L0001594     VOLUME   391978.677 3747480.257 29.00
   LOCATION L0001595     VOLUME   391970.087 3747480.292 29.00
   LOCATION L0001596     VOLUME   391961.498 3747480.342 29.00
   LOCATION L0001597     VOLUME   391952.909 3747480.511 29.00
   LOCATION L0001598     VOLUME   391944.321 3747480.680 29.00
   LOCATION L0001599     VOLUME   391935.733 3747480.850 29.00
   LOCATION L0001600     VOLUME   391927.144 3747481.019 29.00
** End of LINE VOLUME Source ID = SLINE4
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE5
** DESCRSRC Onsite E
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 0.00003477
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** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 5
** 392201.383, 3747567.824, 29.00, 3.49, 4.00
** 392250.667, 3747567.348, 29.00, 3.49, 4.00
** 392249.953, 3747468.541, 29.00, 3.49, 4.00
** 392207.573, 3747468.064, 29.00, 3.49, 4.00
** 392198.764, 3747478.302, 29.00, 3.49, 4.00
** ----------------------------------------------------------------
   LOCATION L0001601     VOLUME   392205.678 3747567.782 29.00
   LOCATION L0001602     VOLUME   392214.267 3747567.699 29.00
   LOCATION L0001603     VOLUME   392222.857 3747567.616 29.00
   LOCATION L0001604     VOLUME   392231.447 3747567.533 29.00
   LOCATION L0001605     VOLUME   392240.036 3747567.450 29.00
   LOCATION L0001606     VOLUME   392248.626 3747567.367 29.00
   LOCATION L0001607     VOLUME   392250.620 3747560.799 29.00
   LOCATION L0001608     VOLUME   392250.558 3747552.210 29.00
   LOCATION L0001609     VOLUME   392250.496 3747543.620 29.00
   LOCATION L0001610     VOLUME   392250.434 3747535.030 29.00
   LOCATION L0001611     VOLUME   392250.372 3747526.440 29.00
   LOCATION L0001612     VOLUME   392250.310 3747517.850 29.00
   LOCATION L0001613     VOLUME   392250.248 3747509.261 29.00
   LOCATION L0001614     VOLUME   392250.185 3747500.671 29.00
   LOCATION L0001615     VOLUME   392250.123 3747492.081 29.00
   LOCATION L0001616     VOLUME   392250.061 3747483.491 29.00
   LOCATION L0001617     VOLUME   392249.999 3747474.902 29.00
   LOCATION L0001618     VOLUME   392247.724 3747468.516 29.00
   LOCATION L0001619     VOLUME   392239.135 3747468.419 29.00
   LOCATION L0001620     VOLUME   392230.546 3747468.323 29.00
   LOCATION L0001621     VOLUME   392221.956 3747468.226 29.00
   LOCATION L0001622     VOLUME   392213.367 3747468.130 29.00
   LOCATION L0001623     VOLUME   392205.749 3747470.184 29.00
   LOCATION L0001624     VOLUME   392200.147 3747476.696 29.00
** End of LINE VOLUME Source ID = SLINE5
** ----------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE6
** DESCRSRC TTP Idle 1
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 0.0001063
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 392216.118, 3747561.219, 29.00, 3.49, 4.00
** 392216.703, 3747474.205, 29.00, 3.49, 4.00
** ----------------------------------------------------------------
   LOCATION L0001625     VOLUME   392216.147 3747556.924 29.00
   LOCATION L0001626     VOLUME   392216.205 3747548.335 29.00
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   LOCATION L0001627     VOLUME   392216.262 3747539.745 29.00
   LOCATION L0001628     VOLUME   392216.320 3747531.155 29.00
   LOCATION L0001629     VOLUME   392216.378 3747522.565 29.00
   LOCATION L0001630     VOLUME   392216.436 3747513.975 29.00
   LOCATION L0001631     VOLUME   392216.493 3747505.386 29.00
   LOCATION L0001632     VOLUME   392216.551 3747496.796 29.00
   LOCATION L0001633     VOLUME   392216.609 3747488.206 29.00
   LOCATION L0001634     VOLUME   392216.667 3747479.616 29.00
** End of LINE VOLUME Source ID = SLINE6
** ------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE7
** DESCRSRC TTP Idle 2
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 0.0001063
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 392233.228, 3747561.219, 29.00, 3.49, 4.00
** 392233.082, 3747474.498, 29.00, 3.49, 4.00
** ------------------------------------------------------------------
   LOCATION L0001635     VOLUME   392233.221 3747556.924 29.00
   LOCATION L0001636     VOLUME   392233.207 3747548.334 29.00
   LOCATION L0001637     VOLUME   392233.192 3747539.744 29.00
   LOCATION L0001638     VOLUME   392233.178 3747531.154 29.00
   LOCATION L0001639     VOLUME   392233.163 3747522.564 29.00
   LOCATION L0001640     VOLUME   392233.149 3747513.974 29.00
   LOCATION L0001641     VOLUME   392233.134 3747505.384 29.00
   LOCATION L0001642     VOLUME   392233.120 3747496.794 29.00
   LOCATION L0001643     VOLUME   392233.105 3747488.204 29.00
   LOCATION L0001644     VOLUME   392233.091 3747479.614 29.00
** End of LINE VOLUME Source ID = SLINE7
** ------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE8
** DESCRSRC TTP Idle 3
** PREFIX
** Length of Side = 8.59
** Configuration = Adjacent
** Emission Rate = 0.0001063
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 392271.982, 3747560.927, 29.00, 3.49, 4.00
** 392271.544, 3747470.403, 29.00, 3.49, 4.00
** ------------------------------------------------------------------
   LOCATION L0001645     VOLUME   392271.962 3747556.632 29.00
   LOCATION L0001646     VOLUME   392271.920 3747548.042 29.00
```

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   LOCATION L0001647     VOLUME   392271.878 3747539.452 29.00
   LOCATION L0001648     VOLUME   392271.837 3747530.862 29.00
   LOCATION L0001649     VOLUME   392271.795 3747522.272 29.00
   LOCATION L0001650     VOLUME   392271.753 3747513.682 29.00
   LOCATION L0001651     VOLUME   392271.712 3747505.092 29.00
   LOCATION L0001652     VOLUME   392271.670 3747496.503 29.00
   LOCATION L0001653     VOLUME   392271.629 3747487.913 29.00
   LOCATION L0001654     VOLUME   392271.587 3747479.323 29.00
   LOCATION L0001655     VOLUME   392271.545 3747470.733 29.00
** End of LINE VOLUME Source ID = SLINE8
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE9
** DESCRSRC Cherry 15%
** PREFIX
** Length of Side = 14.00
** Configuration = Adjacent
** Emission Rate = 1.344E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 391907.099, 3747479.157, 29.00, 3.49, 6.51
** 391908.709, 3747263.395, 29.00, 3.49, 6.51
** ----------------------------------------------------------------------
   LOCATION L0001656     VOLUME   391907.151 3747472.157 29.00
   LOCATION L0001657     VOLUME   391907.256 3747458.157 29.00
   LOCATION L0001658     VOLUME   391907.360 3747444.158 29.00
   LOCATION L0001659     VOLUME   391907.465 3747430.158 29.00
   LOCATION L0001660     VOLUME   391907.569 3747416.159 29.00
   LOCATION L0001661     VOLUME   391907.674 3747402.159 29.00
   LOCATION L0001662     VOLUME   391907.778 3747388.159 29.00
   LOCATION L0001663     VOLUME   391907.883 3747374.160 29.00
   LOCATION L0001664     VOLUME   391907.987 3747360.160 29.00
   LOCATION L0001665     VOLUME   391908.091 3747346.160 29.00
   LOCATION L0001666     VOLUME   391908.196 3747332.161 29.00
   LOCATION L0001667     VOLUME   391908.300 3747318.161 29.00
   LOCATION L0001668     VOLUME   391908.405 3747304.162 29.00
   LOCATION L0001669     VOLUME   391908.509 3747290.162 29.00
   LOCATION L0001670     VOLUME   391908.614 3747276.162 29.00
** End of LINE VOLUME Source ID = SLINE9
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE10
** DESCRSRC South 10%
** PREFIX
** Length of Side = 14.00
** Configuration = Adjacent
** Emission Rate = 1.667E-06
** Vertical Dimension = 6.99
** SZINIT = 3.25
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```
** Nodes = 2
** 391913.953, 3747262.591, 29.00, 3.49, 6.51
** 392315.566, 3747260.065, 29.00, 3.49, 6.51
** ----------------------------------------------------------------
   LOCATION L0001671     VOLUME   391920.952 3747262.547 29.00
   LOCATION L0001672     VOLUME   391934.952 3747262.459 29.00
   LOCATION L0001673     VOLUME   391948.952 3747262.371 29.00
   LOCATION L0001674     VOLUME   391962.952 3747262.283 29.00
   LOCATION L0001675     VOLUME   391976.951 3747262.195 29.00
   LOCATION L0001676     VOLUME   391990.951 3747262.107 29.00
   LOCATION L0001677     VOLUME   392004.951 3747262.019 29.00
   LOCATION L0001678     VOLUME   392018.951 3747261.931 29.00
   LOCATION L0001679     VOLUME   392032.950 3747261.843 29.00
   LOCATION L0001680     VOLUME   392046.950 3747261.755 29.00
   LOCATION L0001681     VOLUME   392060.950 3747261.667 29.00
   LOCATION L0001682     VOLUME   392074.949 3747261.579 29.00
   LOCATION L0001683     VOLUME   392088.949 3747261.491 29.00
   LOCATION L0001684     VOLUME   392102.949 3747261.403 29.00
   LOCATION L0001685     VOLUME   392116.949 3747261.315 29.00
   LOCATION L0001686     VOLUME   392130.948 3747261.227 29.00
   LOCATION L0001687     VOLUME   392144.948 3747261.138 29.00
   LOCATION L0001688     VOLUME   392158.948 3747261.050 29.00
   LOCATION L0001689     VOLUME   392172.947 3747260.962 29.00
   LOCATION L0001690     VOLUME   392186.947 3747260.874 29.00
   LOCATION L0001691     VOLUME   392200.947 3747260.786 29.00
   LOCATION L0001692     VOLUME   392214.947 3747260.698 29.00
   LOCATION L0001693     VOLUME   392228.946 3747260.610 29.00
   LOCATION L0001694     VOLUME   392242.946 3747260.522 29.00
   LOCATION L0001695     VOLUME   392256.946 3747260.434 29.00
   LOCATION L0001696     VOLUME   392270.946 3747260.346 29.00
   LOCATION L0001697     VOLUME   392284.945 3747260.258 29.00
   LOCATION L0001698     VOLUME   392298.945 3747260.170 29.00
   LOCATION L0001699     VOLUME   392312.945 3747260.082 29.00
** End of LINE VOLUME Source ID = SLINE10
** ----------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE11
** DESCRSRC Cherry 5%
** PREFIX
** Length of Side = 14.00
** Configuration = Adjacent
** Emission Rate = 5.912E-07
** Vertical Dimension = 6.99
** SZINIT = 3.25
** Nodes = 2
** 391907.006, 3747263.223, 29.00, 3.49, 6.51
** 391905.112, 3746978.431, 29.00, 3.49, 6.51
** ----------------------------------------------------------------
   LOCATION L0001700     VOLUME   391906.960 3747256.223 29.00
   LOCATION L0001701     VOLUME   391906.867 3747242.223 29.00
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   LOCATION L0001702     VOLUME   391906.774 3747228.224 29.00
   LOCATION L0001703     VOLUME   391906.681 3747214.224 29.00
   LOCATION L0001704     VOLUME   391906.587 3747200.224 29.00
   LOCATION L0001705     VOLUME   391906.494 3747186.224 29.00
   LOCATION L0001706     VOLUME   391906.401 3747172.225 29.00
   LOCATION L0001707     VOLUME   391906.308 3747158.225 29.00
   LOCATION L0001708     VOLUME   391906.215 3747144.225 29.00
   LOCATION L0001709     VOLUME   391906.122 3747130.226 29.00
   LOCATION L0001710     VOLUME   391906.029 3747116.226 29.00
   LOCATION L0001711     VOLUME   391905.936 3747102.226 29.00
   LOCATION L0001712     VOLUME   391905.842 3747088.227 29.00
   LOCATION L0001713     VOLUME   391905.749 3747074.227 29.00
   LOCATION L0001714     VOLUME   391905.656 3747060.227 29.00
   LOCATION L0001715     VOLUME   391905.563 3747046.228 29.00
   LOCATION L0001716     VOLUME   391905.470 3747032.228 29.00
   LOCATION L0001717     VOLUME   391905.377 3747018.228 29.00
   LOCATION L0001718     VOLUME   391905.284 3747004.228 29.00
   LOCATION L0001719     VOLUME   391905.191 3746990.229 29.00
** End of LINE VOLUME Source ID = SLINE11
   LOCATION STCK1        POINT      391947.650  3747559.510       29.000
** DESCRSRC Fire Pump
   LOCATION STCK2        POINT      391947.650  3747559.510       29.000
** DESCRSRC Emergency Generator
** Source Parameters **
** LINE VOLUME Source ID = SLINE1
   SRCPARAM L0001384     0.0000138696      3.49      4.00      3.25
   SRCPARAM L0001385     0.0000138696      3.49      4.00      3.25
   SRCPARAM L0001386     0.0000138696      3.49      4.00      3.25
   SRCPARAM L0001387     0.0000138696      3.49      4.00      3.25
   SRCPARAM L0001388     0.0000138696      3.49      4.00      3.25
   SRCPARAM L0001389     0.0000138696      3.49      4.00      3.25
   SRCPARAM L0001390     0.0000138696      3.49      4.00      3.25
   SRCPARAM L0001391     0.0000138696      3.49      4.00      3.25
   SRCPARAM L0001392     0.0000138696      3.49      4.00      3.25
   SRCPARAM L0001393     0.0000138696      3.49      4.00      3.25
   SRCPARAM L0001394     0.0000138696      3.49      4.00      3.25
   SRCPARAM L0001395     0.0000138696      3.49      4.00      3.25
   SRCPARAM L0001396     0.0000138696      3.49      4.00      3.25
   SRCPARAM L0001397     0.0000138696      3.49      4.00      3.25
   SRCPARAM L0001398     0.0000138696      3.49      4.00      3.25
   SRCPARAM L0001399     0.0000138696      3.49      4.00      3.25
   SRCPARAM L0001400     0.0000138696      3.49      4.00      3.25
   SRCPARAM L0001401     0.0000138696      3.49      4.00      3.25
   SRCPARAM L0001402     0.0000138696      3.49      4.00      3.25
   SRCPARAM L0001403     0.0000138696      3.49      4.00      3.25
   SRCPARAM L0001404     0.0000138696      3.49      4.00      3.25
   SRCPARAM L0001405     0.0000138696      3.49      4.00      3.25
   SRCPARAM L0001406     0.0000138696      3.49      4.00      3.25
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE3
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SRCPARAM L0001407     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001408     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001409     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001410     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001411     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001412     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001413     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001414     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001415     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001416     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001417     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001418     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001419     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001420     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001421     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001422     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001423     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001424     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001425     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001426     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001427     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001428     0.0000004963      3.49      6.51      3.25
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SRCPARAM L0001432     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001433     0.0000004963      3.49      6.51      3.25
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SRCPARAM L0001446     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001447     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001448     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001449     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001450     0.0000004963      3.49      6.51      3.25
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SRCPARAM L0001452     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001453     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001454     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001455     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001456     0.0000004963      3.49      6.51      3.25
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SRCPARAM L0001457     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001458     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001459     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001460     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001461     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001462     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001463     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001464     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001465     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001466     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001467     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001468     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001469     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001470     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001471     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001472     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001473     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001474     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001475     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001476     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001477     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001478     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001479     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001480     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001481     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001482     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001483     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001484     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001485     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001486     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001487     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001488     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001489     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001490     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001491     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001492     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001493     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001494     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001495     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001496     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001497     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001498     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001499     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001500     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001501     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001502     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001503     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001504     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001505     0.0000004963      3.49      6.51      3.25
SRCPARAM L0001506     0.0000004963      3.49      6.51      3.25
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   SRCPARAM L0001507     0.0000004963      3.49      6.51      3.25
   SRCPARAM L0001508     0.0000004963      3.49      6.51      3.25
   SRCPARAM L0001509     0.0000004963      3.49      6.51      3.25
   SRCPARAM L0001510     0.0000004963      3.49      6.51      3.25
   SRCPARAM L0001511     0.0000004963      3.49      6.51      3.25
   SRCPARAM L0001512     0.0000004963      3.49      6.51      3.25
   SRCPARAM L0001513     0.0000004963      3.49      6.51      3.25
   SRCPARAM L0001514     0.0000004963      3.49      6.51      3.25
   SRCPARAM L0001515     0.0000004963      3.49      6.51      3.25
   SRCPARAM L0001516     0.0000004963      3.49      6.51      3.25
   SRCPARAM L0001517     0.0000004963      3.49      6.51      3.25
   SRCPARAM L0001518     0.0000004963      3.49      6.51      3.25
   SRCPARAM L0001519     0.0000004963      3.49      6.51      3.25
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE4
   SRCPARAM L0001520     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001521     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001522     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001523     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001524     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001525     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001526     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001527     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001528     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001529     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001530     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001531     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001532     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001533     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001534     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001535     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001536     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001537     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001538     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001539     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001540     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001541     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001542     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001543     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001544     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001545     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001546     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001547     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001548     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001549     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001550     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001551     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001552     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001553     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001554     0.000001472      3.49      4.00      3.25
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   SRCPARAM L0001555     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001556     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001557     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001558     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001559     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001560     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001561     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001562     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001563     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001564     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001565     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001566     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001567     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001568     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001569     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001570     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001571     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001572     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001573     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001574     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001575     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001576     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001577     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001578     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001579     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001580     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001581     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001582     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001583     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001584     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001585     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001586     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001587     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001588     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001589     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001590     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001591     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001592     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001593     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001594     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001595     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001596     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001597     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001598     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001599     0.000001472      3.49      4.00      3.25
   SRCPARAM L0001600     0.000001472      3.49      4.00      3.25
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE5
   SRCPARAM L0001601     0.000001449      3.49      4.00      3.25
   SRCPARAM L0001602     0.000001449      3.49      4.00      3.25
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   SRCPARAM L0001603     0.000001449      3.49      4.00      3.25
   SRCPARAM L0001604     0.000001449      3.49      4.00      3.25
   SRCPARAM L0001605     0.000001449      3.49      4.00      3.25
   SRCPARAM L0001606     0.000001449      3.49      4.00      3.25
   SRCPARAM L0001607     0.000001449      3.49      4.00      3.25
   SRCPARAM L0001608     0.000001449      3.49      4.00      3.25
   SRCPARAM L0001609     0.000001449      3.49      4.00      3.25
   SRCPARAM L0001610     0.000001449      3.49      4.00      3.25
   SRCPARAM L0001611     0.000001449      3.49      4.00      3.25
   SRCPARAM L0001612     0.000001449      3.49      4.00      3.25
   SRCPARAM L0001613     0.000001449      3.49      4.00      3.25
   SRCPARAM L0001614     0.000001449      3.49      4.00      3.25
   SRCPARAM L0001615     0.000001449      3.49      4.00      3.25
   SRCPARAM L0001616     0.000001449      3.49      4.00      3.25
   SRCPARAM L0001617     0.000001449      3.49      4.00      3.25
   SRCPARAM L0001618     0.000001449      3.49      4.00      3.25
   SRCPARAM L0001619     0.000001449      3.49      4.00      3.25
   SRCPARAM L0001620     0.000001449      3.49      4.00      3.25
   SRCPARAM L0001621     0.000001449      3.49      4.00      3.25
   SRCPARAM L0001622     0.000001449      3.49      4.00      3.25
   SRCPARAM L0001623     0.000001449      3.49      4.00      3.25
   SRCPARAM L0001624     0.000001449      3.49      4.00      3.25
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE6
   SRCPARAM L0001625     0.00001063      3.49      4.00      3.25
   SRCPARAM L0001626     0.00001063      3.49      4.00      3.25
   SRCPARAM L0001627     0.00001063      3.49      4.00      3.25
   SRCPARAM L0001628     0.00001063      3.49      4.00      3.25
   SRCPARAM L0001629     0.00001063      3.49      4.00      3.25
   SRCPARAM L0001630     0.00001063      3.49      4.00      3.25
   SRCPARAM L0001631     0.00001063      3.49      4.00      3.25
   SRCPARAM L0001632     0.00001063      3.49      4.00      3.25
   SRCPARAM L0001633     0.00001063      3.49      4.00      3.25
   SRCPARAM L0001634     0.00001063      3.49      4.00      3.25
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE7
   SRCPARAM L0001635     0.00001063      3.49      4.00      3.25
   SRCPARAM L0001636     0.00001063      3.49      4.00      3.25
   SRCPARAM L0001637     0.00001063      3.49      4.00      3.25
   SRCPARAM L0001638     0.00001063      3.49      4.00      3.25
   SRCPARAM L0001639     0.00001063      3.49      4.00      3.25
   SRCPARAM L0001640     0.00001063      3.49      4.00      3.25
   SRCPARAM L0001641     0.00001063      3.49      4.00      3.25
   SRCPARAM L0001642     0.00001063      3.49      4.00      3.25
   SRCPARAM L0001643     0.00001063      3.49      4.00      3.25
   SRCPARAM L0001644     0.00001063      3.49      4.00      3.25
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE8
   SRCPARAM L0001645     0.000009664      3.49      4.00      3.25
   SRCPARAM L0001646     0.000009664      3.49      4.00      3.25
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   SRCPARAM L0001647     0.000009664      3.49      4.00      3.25
   SRCPARAM L0001648     0.000009664      3.49      4.00      3.25
   SRCPARAM L0001649     0.000009664      3.49      4.00      3.25
   SRCPARAM L0001650     0.000009664      3.49      4.00      3.25
   SRCPARAM L0001651     0.000009664      3.49      4.00      3.25
   SRCPARAM L0001652     0.000009664      3.49      4.00      3.25
   SRCPARAM L0001653     0.000009664      3.49      4.00      3.25
   SRCPARAM L0001654     0.000009664      3.49      4.00      3.25
   SRCPARAM L0001655     0.000009664      3.49      4.00      3.25
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE9
   SRCPARAM L0001656     0.0000000896      3.49      6.51      3.25
   SRCPARAM L0001657     0.0000000896      3.49      6.51      3.25
   SRCPARAM L0001658     0.0000000896      3.49      6.51      3.25
   SRCPARAM L0001659     0.0000000896      3.49      6.51      3.25
   SRCPARAM L0001660     0.0000000896      3.49      6.51      3.25
   SRCPARAM L0001661     0.0000000896      3.49      6.51      3.25
   SRCPARAM L0001662     0.0000000896      3.49      6.51      3.25
   SRCPARAM L0001663     0.0000000896      3.49      6.51      3.25
   SRCPARAM L0001664     0.0000000896      3.49      6.51      3.25
   SRCPARAM L0001665     0.0000000896      3.49      6.51      3.25
   SRCPARAM L0001666     0.0000000896      3.49      6.51      3.25
   SRCPARAM L0001667     0.0000000896      3.49      6.51      3.25
   SRCPARAM L0001668     0.0000000896      3.49      6.51      3.25
   SRCPARAM L0001669     0.0000000896      3.49      6.51      3.25
   SRCPARAM L0001670     0.0000000896      3.49      6.51      3.25
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE10
   SRCPARAM L0001671     0.00000005748      3.49      6.51      3.25
   SRCPARAM L0001672     0.00000005748      3.49      6.51      3.25
   SRCPARAM L0001673     0.00000005748      3.49      6.51      3.25
   SRCPARAM L0001674     0.00000005748      3.49      6.51      3.25
   SRCPARAM L0001675     0.00000005748      3.49      6.51      3.25
   SRCPARAM L0001676     0.00000005748      3.49      6.51      3.25
   SRCPARAM L0001677     0.00000005748      3.49      6.51      3.25
   SRCPARAM L0001678     0.00000005748      3.49      6.51      3.25
   SRCPARAM L0001679     0.00000005748      3.49      6.51      3.25
   SRCPARAM L0001680     0.00000005748      3.49      6.51      3.25
   SRCPARAM L0001681     0.00000005748      3.49      6.51      3.25
   SRCPARAM L0001682     0.00000005748      3.49      6.51      3.25
   SRCPARAM L0001683     0.00000005748      3.49      6.51      3.25
   SRCPARAM L0001684     0.00000005748      3.49      6.51      3.25
   SRCPARAM L0001685     0.00000005748      3.49      6.51      3.25
   SRCPARAM L0001686     0.00000005748      3.49      6.51      3.25
   SRCPARAM L0001687     0.00000005748      3.49      6.51      3.25
   SRCPARAM L0001688     0.00000005748      3.49      6.51      3.25
   SRCPARAM L0001689     0.00000005748      3.49      6.51      3.25
   SRCPARAM L0001690     0.00000005748      3.49      6.51      3.25
   SRCPARAM L0001691     0.00000005748      3.49      6.51      3.25
   SRCPARAM L0001692     0.00000005748      3.49      6.51      3.25
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   SRCPARAM L0001693     0.00000005748      3.49      6.51      3.25
   SRCPARAM L0001694     0.00000005748      3.49      6.51      3.25
   SRCPARAM L0001695     0.00000005748      3.49      6.51      3.25
   SRCPARAM L0001696     0.00000005748      3.49      6.51      3.25
   SRCPARAM L0001697     0.00000005748      3.49      6.51      3.25
   SRCPARAM L0001698     0.00000005748      3.49      6.51      3.25
   SRCPARAM L0001699     0.00000005748      3.49      6.51      3.25
** ------------------------------------------------------------------
** LINE VOLUME Source ID = SLINE11
   SRCPARAM L0001700     0.00000002956      3.49      6.51      3.25
   SRCPARAM L0001701     0.00000002956      3.49      6.51      3.25
   SRCPARAM L0001702     0.00000002956      3.49      6.51      3.25
   SRCPARAM L0001703     0.00000002956      3.49      6.51      3.25
   SRCPARAM L0001704     0.00000002956      3.49      6.51      3.25
   SRCPARAM L0001705     0.00000002956      3.49      6.51      3.25
   SRCPARAM L0001706     0.00000002956      3.49      6.51      3.25
   SRCPARAM L0001707     0.00000002956      3.49      6.51      3.25
   SRCPARAM L0001708     0.00000002956      3.49      6.51      3.25
   SRCPARAM L0001709     0.00000002956      3.49      6.51      3.25
   SRCPARAM L0001710     0.00000002956      3.49      6.51      3.25
   SRCPARAM L0001711     0.00000002956      3.49      6.51      3.25
   SRCPARAM L0001712     0.00000002956      3.49      6.51      3.25
   SRCPARAM L0001713     0.00000002956      3.49      6.51      3.25
   SRCPARAM L0001714     0.00000002956      3.49      6.51      3.25
   SRCPARAM L0001715     0.00000002956      3.49      6.51      3.25
   SRCPARAM L0001716     0.00000002956      3.49      6.51      3.25
   SRCPARAM L0001717     0.00000002956      3.49      6.51      3.25
   SRCPARAM L0001718     0.00000002956      3.49      6.51      3.25
   SRCPARAM L0001719     0.00000002956      3.49      6.51      3.25
** ------------------------------------------------------------------
   SRCPARAM STCK1        0.0088198516     3.550   728.550     54.78      0.13
   SRCPARAM STCK2        0.0188996821     7.260   758.000     40.51      0.31

** Building Downwash **
   BUILDHGT STCK1          15.54    15.54    15.54    15.54    15.54    15.54
   BUILDHGT STCK1          15.54    15.54    15.54    15.54    15.54    15.54
   BUILDHGT STCK1          15.54    15.54    15.54    15.54    15.54    15.54
   BUILDHGT STCK1          15.54    15.54    15.54    15.54    15.54    15.54
   BUILDHGT STCK1          15.54    15.54    15.54    15.54    15.54    15.54
   BUILDHGT STCK1          15.54    15.54    15.54    15.54    15.54    15.54

   BUILDHGT STCK2          15.54    15.54    15.54    15.54    15.54    15.54
   BUILDHGT STCK2          15.54    15.54    15.54    15.54    15.54    15.54
   BUILDHGT STCK2          15.54    15.54    15.54    15.54    15.54    15.54
   BUILDHGT STCK2          15.54    15.54    15.54    15.54    15.54    15.54
   BUILDHGT STCK2          15.54    15.54    15.54    15.54    15.54    15.54
   BUILDHGT STCK2          15.54    15.54    15.54    15.54    15.54    15.54

   BUILDWID STCK1         256.48   265.17   265.80   258.36   243.07   220.39
   BUILDWID STCK1         191.02   155.84   132.45   168.18   202.47   230.60
```

BUILDWID	STCK1	251.73	265.21	270.63	267.83	256.89	241.03
BUILDWID	STCK1	256.48	265.17	265.80	258.36	243.07	220.39
BUILDWID	STCK1	191.02	155.84	132.45	168.18	202.47	230.60
BUILDWID	STCK1	251.73	265.21	270.63	267.83	256.89	241.03
BUILDWID	STCK2	256.48	265.17	265.80	258.36	243.07	220.39
BUILDWID	STCK2	191.02	155.84	132.45	168.18	202.47	230.60
BUILDWID	STCK2	251.73	265.21	270.63	267.83	256.89	241.03
BUILDWID	STCK2	256.48	265.17	265.80	258.36	243.07	220.39
BUILDWID	STCK2	191.02	155.84	132.45	168.18	202.47	230.60
BUILDWID	STCK2	251.73	265.21	270.63	267.83	256.89	241.03
BUILDLEN	STCK1	168.18	202.47	230.60	251.73	265.21	270.63
BUILDLEN	STCK1	267.83	256.89	241.03	256.48	265.17	265.80
BUILDLEN	STCK1	258.36	243.07	220.39	191.02	155.84	132.45
BUILDLEN	STCK1	168.18	202.47	230.60	251.73	265.21	270.63
BUILDLEN	STCK1	267.83	256.89	241.03	256.48	265.17	265.80
BUILDLEN	STCK1	258.36	243.07	220.39	191.02	155.84	132.45
BUILDLEN	STCK2	168.18	202.47	230.60	251.73	265.21	270.63
BUILDLEN	STCK2	267.83	256.89	241.03	256.48	265.17	265.80
BUILDLEN	STCK2	258.36	243.07	220.39	191.02	155.84	132.45
BUILDLEN	STCK2	168.18	202.47	230.60	251.73	265.21	270.63
BUILDLEN	STCK2	267.83	256.89	241.03	256.48	265.17	265.80
BUILDLEN	STCK2	258.36	243.07	220.39	191.02	155.84	132.45
XBADJ	STCK1	-67.76	-64.76	-59.80	-53.01	-44.62	-34.87
XBADJ	STCK1	-24.06	-12.52	-3.48	-13.71	-24.05	-33.65
XBADJ	STCK1	-42.24	-49.54	-55.33	-59.44	-61.75	-62.18
XBADJ	STCK1	-100.42	-137.70	-170.81	-198.72	-220.59	-235.76
XBADJ	STCK1	-243.77	-244.37	-237.55	-242.76	-241.12	-232.15
XBADJ	STCK1	-216.13	-193.53	-165.06	-131.58	-94.09	-70.27
XBADJ	STCK2	-67.76	-64.76	-59.80	-53.01	-44.62	-34.87
XBADJ	STCK2	-24.06	-12.52	-3.48	-13.71	-24.05	-33.65
XBADJ	STCK2	-42.24	-49.54	-55.33	-59.44	-61.75	-62.18
XBADJ	STCK2	-100.42	-137.70	-170.81	-198.72	-220.59	-235.76
XBADJ	STCK2	-243.77	-244.37	-237.55	-242.76	-241.12	-232.15
XBADJ	STCK2	-216.13	-193.53	-165.06	-131.58	-94.09	-70.27
YBADJ	STCK1	-114.53	-108.54	-99.25	-86.94	-72.00	-54.87
YBADJ	STCK1	-36.07	-16.17	-4.04	16.33	36.47	55.50
YBADJ	STCK1	72.85	87.99	100.45	109.86	115.93	117.03
YBADJ	STCK1	114.53	108.54	99.25	86.94	72.00	54.87
YBADJ	STCK1	36.07	16.17	4.04	-16.33	-36.47	-55.50
YBADJ	STCK1	-72.85	-87.99	-100.45	-109.86	-115.93	-117.03
YBADJ	STCK2	-114.53	-108.54	-99.25	-86.94	-72.00	-54.87
YBADJ	STCK2	-36.07	-16.17	-4.04	16.33	36.47	55.50
YBADJ	STCK2	72.85	87.99	100.45	109.86	115.93	117.03

```
   YBADJ    STCK2          114.53   108.54    99.25    86.94    72.00    54.87
   YBADJ    STCK2           36.07    16.17     4.04   -16.33   -36.47   -55.50
   YBADJ    STCK2          -72.85   -87.99  -100.45  -109.86  -115.93  -117.03

   URBANSRC ALL

** Variable Emissions Type: "By Hour / Seven Days (HRDOW7)"
** Variable Emission Scenario: "Scenario 1"
   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
   EMISFACT STCK1        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 1.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK2        HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "14715 Ops Opt 5 HRA.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE KLGB_V9_ADJU\KLGB_v9.SFC
   PROFFILE KLGB_V9_ADJU\KLGB_v9.PFL
   SURFDATA 23129 2012
   UAIRDATA 3190 2012
   PROFBASE 10.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
** Auto-Generated Plotfiles
   PLOTFILE PERIOD ALL "14715 OPS OPT 5 HRA.AD\PE00GALL.PLT" 31
   SUMMFILE "14715 Ops Opt 5 HRA.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     897        PPARM: Input Parameter May Be Out-of-Range for Parameter
       VS
 ME W186    1040       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
 ME W187    1040       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


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

 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14715
Cherry Avenue\14715 Ops\1 ***        12/15/23
 *** AERMET - VERSION  16216 ***   ***
                         ***       11:29:34

                                   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   338 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   9818605.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * CCVR_Sub - Meteorological data includes CCVR substitutions
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Assumes No FLAGPOLE Receptor Heights.
      * The User Specified a Pollutant Type of: DPM

 **Model Calculates PERIOD Averages Only

 **This Run Includes:    338 Source(s);       1 Source Group(s); and     124
```

```
Receptor(s)

                with:      2 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:    336 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) =    10.00 ;  Decay
Coef. =    0.000     ;  Rot. Angle =     0.0
                  Emission Units = GRAMS/SEC                                ;
Emission Rate Unit Factor =   0.10000E+07
                  Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      4.6 MB of RAM.

 **Input Runstream File:          aermod.inp

 **Output Print File:             aermod.out


 **Detailed Error/Message File:   14715 Ops Opt 5 HRA.err

 **File for Summary of Results:   14715 Ops Opt 5 HRA.sum

↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14715
Cherry Avenue\14715 Ops\1 ***        12/15/23
 *** AERMET - VERSION  16216 ***   ***
```

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BLDG EXISTS	URBAN SOURCE	CAP/ HOR VARY BY	EMIS RATE SCALAR
STCK1	0	0.88199E-02	391947.6	3747559.5	29.0	3.55	728.55	54.78	0.13	YES	YES	NO	HRDOW7
STCK2	0	0.18900E-01	391947.6	3747559.5	29.0	7.26	758.00	40.51	0.31	YES	YES	NO	HRDOW7

*** 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	AIRCRAFT
L0001384	0	0.13870E-04	391991.5	3747501.8	29.0	3.49	4.00	3.25	YES		NO
L0001385	0	0.13870E-04	392000.1	3747501.7	29.0	3.49	4.00	3.25	YES		NO
L0001386	0	0.13870E-04	392008.7	3747501.6	29.0	3.49	4.00	3.25	YES		NO
L0001387	0	0.13870E-04	392017.3	3747501.5	29.0	3.49	4.00	3.25	YES		NO
L0001388	0	0.13870E-04	392025.9	3747501.4	29.0	3.49	4.00				

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3.25     YES                    NO
 L0001389         0   0.13870E-04  392034.4 3747501.3    29.0     3.49     4.00
3.25     YES                    NO
 L0001390         0   0.13870E-04  392043.0 3747501.2    29.0     3.49     4.00
3.25     YES                    NO
 L0001391         0   0.13870E-04  392051.6 3747501.1    29.0     3.49     4.00
3.25     YES                    NO
 L0001392         0   0.13870E-04  392060.2 3747501.0    29.0     3.49     4.00
3.25     YES                    NO
 L0001393         0   0.13870E-04  392068.8 3747500.9    29.0     3.49     4.00
3.25     YES                    NO
 L0001394         0   0.13870E-04  392077.4 3747500.8    29.0     3.49     4.00
3.25     YES                    NO
 L0001395         0   0.13870E-04  392086.0 3747500.7    29.0     3.49     4.00
3.25     YES                    NO
 L0001396         0   0.13870E-04  392094.6 3747500.6    29.0     3.49     4.00
3.25     YES                    NO
 L0001397         0   0.13870E-04  392103.2 3747500.5    29.0     3.49     4.00
3.25     YES                    NO
 L0001398         0   0.13870E-04  392111.8 3747500.4    29.0     3.49     4.00
3.25     YES                    NO
 L0001399         0   0.13870E-04  392120.3 3747500.3    29.0     3.49     4.00
3.25     YES                    NO
 L0001400         0   0.13870E-04  392128.9 3747500.2    29.0     3.49     4.00
3.25     YES                    NO
 L0001401         0   0.13870E-04  392137.5 3747500.1    29.0     3.49     4.00
3.25     YES                    NO
 L0001402         0   0.13870E-04  392146.1 3747500.0    29.0     3.49     4.00
3.25     YES                    NO
 L0001403         0   0.13870E-04  392154.7 3747499.9    29.0     3.49     4.00
3.25     YES                    NO
 L0001404         0   0.13870E-04  392163.3 3747499.8    29.0     3.49     4.00
3.25     YES                    NO
 L0001405         0   0.13870E-04  392171.9 3747499.7    29.0     3.49     4.00
3.25     YES                    NO
 L0001406         0   0.13870E-04  392180.5 3747499.6    29.0     3.49     4.00
3.25     YES                    NO
 L0001407         0   0.49630E-06  391907.5 3747487.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001408         0   0.49630E-06  391907.5 3747501.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001409         0   0.49630E-06  391907.5 3747515.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001410         0   0.49630E-06  391907.5 3747529.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001411         0   0.49630E-06  391907.6 3747543.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001412         0   0.49630E-06  391907.6 3747557.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001413         0   0.49630E-06  391907.6 3747571.0    29.0     3.49     6.51
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3.25     YES                    NO
 L0001414         0   0.49630E-06  391907.7 3747585.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001415         0   0.49630E-06  391907.7 3747599.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001416         0   0.49630E-06  391907.7 3747613.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001417         0   0.49630E-06  391907.8 3747627.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001418         0   0.49630E-06  391907.8 3747641.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001419         0   0.49630E-06  391907.8 3747655.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001420         0   0.49630E-06  391907.9 3747669.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001421         0   0.49630E-06  391907.9 3747683.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001422         0   0.49630E-06  391907.9 3747697.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001423         0   0.49630E-06  391908.0 3747711.0    29.0     3.49     6.51
3.25     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14715
Cherry Avenue\14715 Ops\1 ***        12/15/23
 *** AERMET - VERSION  16216 ***   ***
                       ***        11:29:34

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 *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -

 L0001424         0   0.49630E-06  391908.0 3747725.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001425         0   0.49630E-06  391908.1 3747739.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001426         0   0.49630E-06  391908.2 3747753.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001427         0   0.49630E-06  391908.3 3747767.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001428         0   0.49630E-06  391908.4 3747781.0    29.0     3.49     6.51
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3.25     YES                    NO
 L0001429         0   0.49630E-06  391908.5 3747795.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001430         0   0.49630E-06  391908.7 3747809.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001431         0   0.49630E-06  391908.8 3747823.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001432         0   0.49630E-06  391908.9 3747837.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001433         0   0.49630E-06  391909.0 3747851.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001434         0   0.49630E-06  391909.1 3747865.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001435         0   0.49630E-06  391909.2 3747879.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001436         0   0.49630E-06  391909.3 3747893.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001437         0   0.49630E-06  391909.5 3747907.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001438         0   0.49630E-06  391909.6 3747921.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001439         0   0.49630E-06  391909.7 3747935.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001440         0   0.49630E-06  391909.8 3747949.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001441         0   0.49630E-06  391909.9 3747963.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001442         0   0.49630E-06  391910.0 3747977.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001443         0   0.49630E-06  391910.1 3747991.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001444         0   0.49630E-06  391910.3 3748005.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001445         0   0.49630E-06  391910.4 3748019.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001446         0   0.49630E-06  391910.5 3748033.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001447         0   0.49630E-06  391910.6 3748047.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001448         0   0.49630E-06  391910.7 3748061.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001449         0   0.49630E-06  391910.8 3748075.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001450         0   0.49630E-06  391910.8 3748089.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001451         0   0.49630E-06  391910.9 3748103.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001452         0   0.49630E-06  391911.0 3748117.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001453         0   0.49630E-06  391911.1 3748131.0    29.0     3.49     6.51
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3.25     YES                    NO
 L0001454         0   0.49630E-06  391911.2 3748145.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001455         0   0.49630E-06  391911.3 3748159.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001456         0   0.49630E-06  391911.3 3748173.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001457         0   0.49630E-06  391911.4 3748187.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001458         0   0.49630E-06  391911.5 3748201.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001459         0   0.49630E-06  391911.6 3748215.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001460         0   0.49630E-06  391911.7 3748229.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001461         0   0.49630E-06  391911.8 3748243.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001462         0   0.49630E-06  391911.9 3748257.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001463         0   0.49630E-06  391911.9 3748271.0    29.0     3.49     6.51
3.25     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14715
Cherry Avenue\14715 Ops\1 ***        12/15/23
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 *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -

 L0001464         0   0.49630E-06  391912.0 3748285.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001465         0   0.49630E-06  391912.1 3748299.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001466         0   0.49630E-06  391912.2 3748313.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001467         0   0.49630E-06  391912.3 3748327.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001468         0   0.49630E-06  391912.4 3748341.0    29.0     3.49     6.51
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3.25     YES                    NO
 L0001469         0   0.49630E-06  391912.4 3748355.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001470         0   0.49630E-06  391912.5 3748369.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001471         0   0.49630E-06  391912.6 3748383.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001472         0   0.49630E-06  391912.7 3748397.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001473         0   0.49630E-06  391912.8 3748411.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001474         0   0.49630E-06  391912.9 3748425.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001475         0   0.49630E-06  391913.0 3748439.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001476         0   0.49630E-06  391913.0 3748453.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001477         0   0.49630E-06  391913.1 3748467.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001478         0   0.49630E-06  391913.2 3748481.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001479         0   0.49630E-06  391913.2 3748495.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001480         0   0.49630E-06  391913.3 3748509.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001481         0   0.49630E-06  391913.3 3748523.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001482         0   0.49630E-06  391913.4 3748537.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001483         0   0.49630E-06  391913.4 3748551.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001484         0   0.49630E-06  391913.5 3748565.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001485         0   0.49630E-06  391913.5 3748579.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001486         0   0.49630E-06  391913.6 3748593.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001487         0   0.49630E-06  391913.6 3748607.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001488         0   0.49630E-06  391913.7 3748621.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001489         0   0.49630E-06  391913.7 3748635.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001490         0   0.49630E-06  391913.8 3748649.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001491         0   0.49630E-06  391913.8 3748663.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001492         0   0.49630E-06  391913.9 3748677.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001493         0   0.49630E-06  391913.9 3748691.0    29.0     3.49     6.51
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3.25     YES                    NO
 L0001494         0   0.49630E-06  391914.0 3748705.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001495         0   0.49630E-06  391914.0 3748719.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001496         0   0.49630E-06  391914.1 3748733.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001497         0   0.49630E-06  391914.1 3748747.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001498         0   0.49630E-06  391914.2 3748761.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001499         0   0.49630E-06  391914.2 3748775.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001500         0   0.49630E-06  391914.3 3748789.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001501         0   0.49630E-06  391914.3 3748803.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001502         0   0.49630E-06  391914.3 3748817.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001503         0   0.49630E-06  391914.4 3748831.0    29.0     3.49     6.51
3.25     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14715
Cherry Avenue\14715 Ops\1 ***        12/15/23
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -

 L0001504         0   0.49630E-06  391914.4 3748845.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001505         0   0.49630E-06  391914.4 3748859.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001506         0   0.49630E-06  391914.5 3748873.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001507         0   0.49630E-06  391914.5 3748887.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001508         0   0.49630E-06  391914.5 3748901.0    29.0     3.49     6.51
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3.25     YES                    NO
 L0001509         0   0.49630E-06  391914.6 3748915.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001510         0   0.49630E-06  391914.6 3748929.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001511         0   0.49630E-06  391914.6 3748943.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001512         0   0.49630E-06  391914.7 3748957.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001513         0   0.49630E-06  391914.7 3748971.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001514         0   0.49630E-06  391914.7 3748985.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001515         0   0.49630E-06  391914.8 3748999.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001516         0   0.49630E-06  391914.8 3749013.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001517         0   0.49630E-06  391914.8 3749027.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001518         0   0.49630E-06  391914.9 3749041.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001519         0   0.49630E-06  391914.9 3749055.0    29.0     3.49     6.51
3.25     YES                    NO
 L0001520         0   0.14720E-05  391922.2 3747628.2    29.0     3.49     4.00
3.25     YES                    NO
 L0001521         0   0.14720E-05  391930.8 3747628.1    29.0     3.49     4.00
3.25     YES                    NO
 L0001522         0   0.14720E-05  391939.4 3747628.0    29.0     3.49     4.00
3.25     YES                    NO
 L0001523         0   0.14720E-05  391948.0 3747628.0    29.0     3.49     4.00
3.25     YES                    NO
 L0001524         0   0.14720E-05  391956.6 3747627.9    29.0     3.49     4.00
3.25     YES                    NO
 L0001525         0   0.14720E-05  391965.2 3747627.8    29.0     3.49     4.00
3.25     YES                    NO
 L0001526         0   0.14720E-05  391973.8 3747627.7    29.0     3.49     4.00
3.25     YES                    NO
 L0001527         0   0.14720E-05  391982.3 3747627.6    29.0     3.49     4.00
3.25     YES                    NO
 L0001528         0   0.14720E-05  391990.9 3747627.6    29.0     3.49     4.00
3.25     YES                    NO
 L0001529         0   0.14720E-05  391999.5 3747627.5    29.0     3.49     4.00
3.25     YES                    NO
 L0001530         0   0.14720E-05  392008.1 3747627.4    29.0     3.49     4.00
3.25     YES                    NO
 L0001531         0   0.14720E-05  392016.7 3747627.3    29.0     3.49     4.00
3.25     YES                    NO
 L0001532         0   0.14720E-05  392025.3 3747627.2    29.0     3.49     4.00
3.25     YES                    NO
 L0001533         0   0.14720E-05  392033.9 3747627.2    29.0     3.49     4.00
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3.25     YES                    NO
 L0001534         0   0.14720E-05  392042.5 3747627.1    29.0     3.49     4.00
3.25     YES                    NO
 L0001535         0   0.14720E-05  392051.1 3747627.0    29.0     3.49     4.00
3.25     YES                    NO
 L0001536         0   0.14720E-05  392059.7 3747626.9    29.0     3.49     4.00
3.25     YES                    NO
 L0001537         0   0.14720E-05  392068.2 3747626.8    29.0     3.49     4.00
3.25     YES                    NO
 L0001538         0   0.14720E-05  392076.8 3747626.8    29.0     3.49     4.00
3.25     YES                    NO
 L0001539         0   0.14720E-05  392085.4 3747626.7    29.0     3.49     4.00
3.25     YES                    NO
 L0001540         0   0.14720E-05  392094.0 3747626.6    29.0     3.49     4.00
3.25     YES                    NO
 L0001541         0   0.14720E-05  392102.6 3747626.5    29.0     3.49     4.00
3.25     YES                    NO
 L0001542         0   0.14720E-05  392111.2 3747626.4    29.0     3.49     4.00
3.25     YES                    NO
 L0001543         0   0.14720E-05  392119.8 3747626.4    29.0     3.49     4.00
3.25     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14715
Cherry Avenue\14715 Ops\1 ***        12/15/23
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -

 L0001544         0   0.14720E-05  392128.4 3747626.3    29.0     3.49     4.00
3.25     YES                    NO
 L0001545         0   0.14720E-05  392137.0 3747626.2    29.0     3.49     4.00
3.25     YES                    NO
 L0001546         0   0.14720E-05  392145.6 3747626.1    29.0     3.49     4.00
3.25     YES                    NO
 L0001547         0   0.14720E-05  392154.1 3747626.0    29.0     3.49     4.00
3.25     YES                    NO
 L0001548         0   0.14720E-05  392162.7 3747626.0    29.0     3.49     4.00
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3.25     YES                    NO
 L0001549         0   0.14720E-05  392171.3 3747625.9    29.0     3.49     4.00
3.25     YES                    NO
 L0001550         0   0.14720E-05  392179.9 3747625.8    29.0     3.49     4.00
3.25     YES                    NO
 L0001551         0   0.14720E-05  392188.5 3747625.7    29.0     3.49     4.00
3.25     YES                    NO
 L0001552         0   0.14720E-05  392190.5 3747619.3    29.0     3.49     4.00
3.25     YES                    NO
 L0001553         0   0.14720E-05  392190.4 3747610.7    29.0     3.49     4.00
3.25     YES                    NO
 L0001554         0   0.14720E-05  392190.2 3747602.1    29.0     3.49     4.00
3.25     YES                    NO
 L0001555         0   0.14720E-05  392190.1 3747593.5    29.0     3.49     4.00
3.25     YES                    NO
 L0001556         0   0.14720E-05  392189.9 3747584.9    29.0     3.49     4.00
3.25     YES                    NO
 L0001557         0   0.14720E-05  392189.7 3747576.3    29.0     3.49     4.00
3.25     YES                    NO
 L0001558         0   0.14720E-05  392190.5 3747568.0    29.0     3.49     4.00
3.25     YES                    NO
 L0001559         0   0.14720E-05  392195.4 3747560.9    29.0     3.49     4.00
3.25     YES                    NO
 L0001560         0   0.14720E-05  392197.1 3747552.9    29.0     3.49     4.00
3.25     YES                    NO
 L0001561         0   0.14720E-05  392197.3 3747544.3    29.0     3.49     4.00
3.25     YES                    NO
 L0001562         0   0.14720E-05  392197.5 3747535.7    29.0     3.49     4.00
3.25     YES                    NO
 L0001563         0   0.14720E-05  392197.6 3747527.1    29.0     3.49     4.00
3.25     YES                    NO
 L0001564         0   0.14720E-05  392197.8 3747518.5    29.0     3.49     4.00
3.25     YES                    NO
 L0001565         0   0.14720E-05  392198.0 3747509.9    29.0     3.49     4.00
3.25     YES                    NO
 L0001566         0   0.14720E-05  392198.1 3747501.3    29.0     3.49     4.00
3.25     YES                    NO
 L0001567         0   0.14720E-05  392198.3 3747492.8    29.0     3.49     4.00
3.25     YES                    NO
 L0001568         0   0.14720E-05  392198.4 3747484.2    29.0     3.49     4.00
3.25     YES                    NO
 L0001569         0   0.14720E-05  392193.4 3747480.2    29.0     3.49     4.00
3.25     YES                    NO
 L0001570         0   0.14720E-05  392184.8 3747479.4    29.0     3.49     4.00
3.25     YES                    NO
 L0001571         0   0.14720E-05  392176.2 3747479.1    29.0     3.49     4.00
3.25     YES                    NO
 L0001572         0   0.14720E-05  392167.7 3747479.2    29.0     3.49     4.00
3.25     YES                    NO
 L0001573         0   0.14720E-05  392159.1 3747479.2    29.0     3.49     4.00
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3.25     YES                    NO
 L0001574         0   0.14720E-05  392150.5 3747479.3    29.0     3.49     4.00
3.25     YES                    NO
 L0001575         0   0.14720E-05  392141.9 3747479.3    29.0     3.49     4.00
3.25     YES                    NO
 L0001576         0   0.14720E-05  392133.3 3747479.4    29.0     3.49     4.00
3.25     YES                    NO
 L0001577         0   0.14720E-05  392124.7 3747479.5    29.0     3.49     4.00
3.25     YES                    NO
 L0001578         0   0.14720E-05  392116.1 3747479.5    29.0     3.49     4.00
3.25     YES                    NO
 L0001579         0   0.14720E-05  392107.5 3747479.6    29.0     3.49     4.00
3.25     YES                    NO
 L0001580         0   0.14720E-05  392098.9 3747479.7    29.0     3.49     4.00
3.25     YES                    NO
 L0001581         0   0.14720E-05  392090.3 3747479.7    29.0     3.49     4.00
3.25     YES                    NO
 L0001582         0   0.14720E-05  392081.8 3747479.8    29.0     3.49     4.00
3.25     YES                    NO
 L0001583         0   0.14720E-05  392073.2 3747479.9    29.0     3.49     4.00
3.25     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14715
Cherry Avenue\14715 Ops\1 ***        12/15/23
 *** AERMET - VERSION  16216 ***   ***
                       ***        11:29:34

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 *** 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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 L0001584         0   0.14720E-05  392064.6 3747479.9    29.0     3.49     4.00
3.25     YES                    NO
 L0001585         0   0.14720E-05  392056.0 3747479.9    29.0     3.49     4.00
3.25     YES                    NO
 L0001586         0   0.14720E-05  392047.4 3747480.0    29.0     3.49     4.00
3.25     YES                    NO
 L0001587         0   0.14720E-05  392038.8 3747480.0    29.0     3.49     4.00
3.25     YES                    NO
 L0001588         0   0.14720E-05  392030.2 3747480.0    29.0     3.49     4.00
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3.25     YES                    NO
 L0001589         0   0.14720E-05  392021.6 3747480.1    29.0     3.49     4.00
3.25     YES                    NO
 L0001590         0   0.14720E-05  392013.0 3747480.1    29.0     3.49     4.00
3.25     YES                    NO
 L0001591         0   0.14720E-05  392004.4 3747480.2    29.0     3.49     4.00
3.25     YES                    NO
 L0001592         0   0.14720E-05  391995.9 3747480.2    29.0     3.49     4.00
3.25     YES                    NO
 L0001593         0   0.14720E-05  391987.3 3747480.2    29.0     3.49     4.00
3.25     YES                    NO
 L0001594         0   0.14720E-05  391978.7 3747480.3    29.0     3.49     4.00
3.25     YES                    NO
 L0001595         0   0.14720E-05  391970.1 3747480.3    29.0     3.49     4.00
3.25     YES                    NO
 L0001596         0   0.14720E-05  391961.5 3747480.3    29.0     3.49     4.00
3.25     YES                    NO
 L0001597         0   0.14720E-05  391952.9 3747480.5    29.0     3.49     4.00
3.25     YES                    NO
 L0001598         0   0.14720E-05  391944.3 3747480.7    29.0     3.49     4.00
3.25     YES                    NO
 L0001599         0   0.14720E-05  391935.7 3747480.8    29.0     3.49     4.00
3.25     YES                    NO
 L0001600         0   0.14720E-05  391927.1 3747481.0    29.0     3.49     4.00
3.25     YES                    NO
 L0001601         0   0.14490E-05  392205.7 3747567.8    29.0     3.49     4.00
3.25     YES                    NO
 L0001602         0   0.14490E-05  392214.3 3747567.7    29.0     3.49     4.00
3.25     YES                    NO
 L0001603         0   0.14490E-05  392222.9 3747567.6    29.0     3.49     4.00
3.25     YES                    NO
 L0001604         0   0.14490E-05  392231.4 3747567.5    29.0     3.49     4.00
3.25     YES                    NO
 L0001605         0   0.14490E-05  392240.0 3747567.4    29.0     3.49     4.00
3.25     YES                    NO
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3.25     YES                    NO
 L0001607         0   0.14490E-05  392250.6 3747560.8    29.0     3.49     4.00
3.25     YES                    NO
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3.25     YES                    NO
 L0001609         0   0.14490E-05  392250.5 3747543.6    29.0     3.49     4.00
3.25     YES                    NO
 L0001610         0   0.14490E-05  392250.4 3747535.0    29.0     3.49     4.00
3.25     YES                    NO
 L0001611         0   0.14490E-05  392250.4 3747526.4    29.0     3.49     4.00
3.25     YES                    NO
 L0001612         0   0.14490E-05  392250.3 3747517.8    29.0     3.49     4.00
3.25     YES                    NO
 L0001613         0   0.14490E-05  392250.2 3747509.3    29.0     3.49     4.00
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3.25     YES                    NO
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3.25     YES                    NO
 L0001615         0   0.14490E-05  392250.1 3747492.1    29.0     3.49     4.00
3.25     YES                    NO
 L0001616         0   0.14490E-05  392250.1 3747483.5    29.0     3.49     4.00
3.25     YES                    NO
 L0001617         0   0.14490E-05  392250.0 3747474.9    29.0     3.49     4.00
3.25     YES                    NO
 L0001618         0   0.14490E-05  392247.7 3747468.5    29.0     3.49     4.00
3.25     YES                    NO
 L0001619         0   0.14490E-05  392239.1 3747468.4    29.0     3.49     4.00
3.25     YES                    NO
 L0001620         0   0.14490E-05  392230.5 3747468.3    29.0     3.49     4.00
3.25     YES                    NO
 L0001621         0   0.14490E-05  392222.0 3747468.2    29.0     3.49     4.00
3.25     YES                    NO
 L0001622         0   0.14490E-05  392213.4 3747468.1    29.0     3.49     4.00
3.25     YES                    NO
 L0001623         0   0.14490E-05  392205.7 3747470.2    29.0     3.49     4.00
3.25     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14715
Cherry Avenue\14715 Ops\1 ***        12/15/23
 *** AERMET - VERSION  16216 ***   ***
                       ***        11:29:34

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 *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -

 L0001624         0   0.14490E-05  392200.1 3747476.7    29.0     3.49     4.00
3.25     YES                    NO
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3.25     YES                    NO
 L0001626         0   0.10630E-04  392216.2 3747548.3    29.0     3.49     4.00
3.25     YES                    NO
 L0001627         0   0.10630E-04  392216.3 3747539.7    29.0     3.49     4.00
3.25     YES                    NO
 L0001628         0   0.10630E-04  392216.3 3747531.2    29.0     3.49     4.00
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3.25     YES                  NO
 L0001629         0   0.10630E-04  392216.4 3747522.6    29.0     3.49     4.00
3.25     YES                  NO
 L0001630         0   0.10630E-04  392216.4 3747514.0    29.0     3.49     4.00
3.25     YES                  NO
 L0001631         0   0.10630E-04  392216.5 3747505.4    29.0     3.49     4.00
3.25     YES                  NO
 L0001632         0   0.10630E-04  392216.6 3747496.8    29.0     3.49     4.00
3.25     YES                  NO
 L0001633         0   0.10630E-04  392216.6 3747488.2    29.0     3.49     4.00
3.25     YES                  NO
 L0001634         0   0.10630E-04  392216.7 3747479.6    29.0     3.49     4.00
3.25     YES                  NO
 L0001635         0   0.10630E-04  392233.2 3747556.9    29.0     3.49     4.00
3.25     YES                  NO
 L0001636         0   0.10630E-04  392233.2 3747548.3    29.0     3.49     4.00
3.25     YES                  NO
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3.25     YES                  NO
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3.25     YES                  NO
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3.25     YES                  NO
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3.25     YES                  NO
 L0001642         0   0.10630E-04  392233.1 3747496.8    29.0     3.49     4.00
3.25     YES                  NO
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3.25     YES                  NO
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3.25     YES                  NO
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3.25     YES                  NO
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3.25     YES                  NO
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3.25     YES                  NO
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3.25     YES                  NO
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3.25     YES                  NO
 L0001651         0   0.96640E-05  392271.7 3747505.1    29.0     3.49     4.00
3.25     YES                  NO
 L0001652         0   0.96640E-05  392271.7 3747496.5    29.0     3.49     4.00
3.25     YES                  NO
 L0001653         0   0.96640E-05  392271.6 3747487.9    29.0     3.49     4.00
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER EMISSION RATE PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ	URBAN SOURCE	AIRCRAFT EMISSION RATE SCALAR VARY BY
L0001664	0	0.89600E-07	391908.0	3747360.2	29.0	3.49	6.51	3.25	YES	NO
L0001665	0	0.89600E-07	391908.1	3747346.2	29.0	3.49	6.51	3.25	YES	NO
L0001666	0	0.89600E-07	391908.2	3747332.2	29.0	3.49	6.51	3.25	YES	NO
L0001667	0	0.89600E-07	391908.3	3747318.2	29.0	3.49	6.51	3.25	YES	NO
L0001668	0	0.89600E-07	391908.4	3747304.2	29.0	3.49	6.51			

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3.25     YES                  NO
 L0001669         0   0.89600E-07  391908.5 3747290.2    29.0     3.49     6.51
3.25     YES                  NO
 L0001670         0   0.89600E-07  391908.6 3747276.2    29.0     3.49     6.51
3.25     YES                  NO
 L0001671         0   0.57480E-07  391921.0 3747262.5    29.0     3.49     6.51
3.25     YES                  NO
 L0001672         0   0.57480E-07  391935.0 3747262.5    29.0     3.49     6.51
3.25     YES                  NO
 L0001673         0   0.57480E-07  391949.0 3747262.4    29.0     3.49     6.51
3.25     YES                  NO
 L0001674         0   0.57480E-07  391963.0 3747262.3    29.0     3.49     6.51
3.25     YES                  NO
 L0001675         0   0.57480E-07  391977.0 3747262.2    29.0     3.49     6.51
3.25     YES                  NO
 L0001676         0   0.57480E-07  391991.0 3747262.1    29.0     3.49     6.51
3.25     YES                  NO
 L0001677         0   0.57480E-07  392005.0 3747262.0    29.0     3.49     6.51
3.25     YES                  NO
 L0001678         0   0.57480E-07  392019.0 3747261.9    29.0     3.49     6.51
3.25     YES                  NO
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 L0001680         0   0.57480E-07  392047.0 3747261.8    29.0     3.49     6.51
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 L0001681         0   0.57480E-07  392061.0 3747261.7    29.0     3.49     6.51
3.25     YES                  NO
 L0001682         0   0.57480E-07  392074.9 3747261.6    29.0     3.49     6.51
3.25     YES                  NO
 L0001683         0   0.57480E-07  392088.9 3747261.5    29.0     3.49     6.51
3.25     YES                  NO
 L0001684         0   0.57480E-07  392102.9 3747261.4    29.0     3.49     6.51
3.25     YES                  NO
 L0001685         0   0.57480E-07  392116.9 3747261.3    29.0     3.49     6.51
3.25     YES                  NO
 L0001686         0   0.57480E-07  392130.9 3747261.2    29.0     3.49     6.51
3.25     YES                  NO
 L0001687         0   0.57480E-07  392144.9 3747261.1    29.0     3.49     6.51
3.25     YES                  NO
 L0001688         0   0.57480E-07  392158.9 3747261.0    29.0     3.49     6.51
3.25     YES                  NO
 L0001689         0   0.57480E-07  392172.9 3747261.0    29.0     3.49     6.51
3.25     YES                  NO
 L0001690         0   0.57480E-07  392186.9 3747260.9    29.0     3.49     6.51
3.25     YES                  NO
 L0001691         0   0.57480E-07  392200.9 3747260.8    29.0     3.49     6.51
3.25     YES                  NO
 L0001692         0   0.57480E-07  392214.9 3747260.7    29.0     3.49     6.51
3.25     YES                  NO
 L0001693         0   0.57480E-07  392228.9 3747260.6    29.0     3.49     6.51
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3.25     YES                    NO
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3.25     YES                    NO
 L0001695         0   0.57480E-07  392256.9 3747260.4    29.0     3.49     6.51
3.25     YES                    NO
 L0001696         0   0.57480E-07  392270.9 3747260.3    29.0     3.49     6.51
3.25     YES                    NO
 L0001697         0   0.57480E-07  392284.9 3747260.3    29.0     3.49     6.51
3.25     YES                    NO
 L0001698         0   0.57480E-07  392298.9 3747260.2    29.0     3.49     6.51
3.25     YES                    NO
 L0001699         0   0.57480E-07  392312.9 3747260.1    29.0     3.49     6.51
3.25     YES                    NO
 L0001700         0   0.29560E-07  391907.0 3747256.2    29.0     3.49     6.51
3.25     YES                    NO
 L0001701         0   0.29560E-07  391906.9 3747242.2    29.0     3.49     6.51
3.25     YES                    NO
 L0001702         0   0.29560E-07  391906.8 3747228.2    29.0     3.49     6.51
3.25     YES                    NO
 L0001703         0   0.29560E-07  391906.7 3747214.2    29.0     3.49     6.51
3.25     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14715
Cherry Avenue\14715 Ops\1 ***        12/15/23
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -

 L0001704         0   0.29560E-07  391906.6 3747200.2    29.0     3.49     6.51
3.25     YES                    NO
 L0001705         0   0.29560E-07  391906.5 3747186.2    29.0     3.49     6.51
3.25     YES                    NO
 L0001706         0   0.29560E-07  391906.4 3747172.2    29.0     3.49     6.51
3.25     YES                    NO
 L0001707         0   0.29560E-07  391906.3 3747158.2    29.0     3.49     6.51
3.25     YES                    NO
 L0001708         0   0.29560E-07  391906.2 3747144.2    29.0     3.49     6.51
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3.25     YES                    NO
 L0001709         0   0.29560E-07  391906.1 3747130.2    29.0     3.49     6.51
3.25     YES                    NO
 L0001710         0   0.29560E-07  391906.0 3747116.2    29.0     3.49     6.51
3.25     YES                    NO
 L0001711         0   0.29560E-07  391905.9 3747102.2    29.0     3.49     6.51
3.25     YES                    NO
 L0001712         0   0.29560E-07  391905.8 3747088.2    29.0     3.49     6.51
3.25     YES                    NO
 L0001713         0   0.29560E-07  391905.7 3747074.2    29.0     3.49     6.51
3.25     YES                    NO
 L0001714         0   0.29560E-07  391905.7 3747060.2    29.0     3.49     6.51
3.25     YES                    NO
 L0001715         0   0.29560E-07  391905.6 3747046.2    29.0     3.49     6.51
3.25     YES                    NO
 L0001716         0   0.29560E-07  391905.5 3747032.2    29.0     3.49     6.51
3.25     YES                    NO
 L0001717         0   0.29560E-07  391905.4 3747018.2    29.0     3.49     6.51
3.25     YES                    NO
 L0001718         0   0.29560E-07  391905.3 3747004.2    29.0     3.49     6.51
3.25     YES                    NO
 L0001719         0   0.29560E-07  391905.2 3746990.2    29.0     3.49     6.51
3.25     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14715
Cherry Avenue\14715 Ops\1 ***        12/15/23
 *** AERMET - VERSION  16216 ***   ***
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                                   PAGE  12
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS
***

 SRCGROUP ID                                          SOURCE IDs
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 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14715
Cherry Avenue\14715 Ops\1 ***        12/15/23
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          *** SOURCE IDs DEFINING SOURCE GROUPS
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L0001701    , L0001702    , L0001703    ,
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                                          *** SOURCE IDs DEFINING SOURCE GROUPS
***

 SRCGROUP ID                                              SOURCE IDs
 -----------                                              ----------

             L0001704    , L0001705    , L0001706    , L0001707    , L0001708    ,
L0001709    , L0001710    , L0001711    ,

             L0001712    , L0001713    , L0001714    , L0001715    , L0001716    ,
L0001717    , L0001718    , L0001719    ,

             STCK1       , STCK2       ,
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 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14715
Cherry Avenue\14715 Ops\1 ***        12/15/23
 *** AERMET - VERSION  16216 ***   ***
                        ***       11:29:34
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs
	9818605.	L0001384 , L0001385 , L0001386 , L0001387 , L0001388 , L0001389 , L0001390 , L0001391 ,
		L0001392 , L0001393 , L0001394 , L0001395 , L0001396 , L0001397 , L0001398 , L0001399 ,
		L0001400 , L0001401 , L0001402 , L0001403 , L0001404 , L0001405 , L0001406 , L0001407 ,
		L0001408 , L0001409 , L0001410 , L0001411 , L0001412 , L0001413 , L0001414 , L0001415 ,
		L0001416 , L0001417 , L0001418 , L0001419 , L0001420 , L0001421 , L0001422 , L0001423 ,
		L0001424 , L0001425 , L0001426 , L0001427 , L0001428 , L0001429 , L0001430 , L0001431 ,
		L0001432 , L0001433 , L0001434 , L0001435 , L0001436 , L0001437 , L0001438 , L0001439 ,
		L0001440 , L0001441 , L0001442 , L0001443 , L0001444 , L0001445 , L0001446 , L0001447 ,
		L0001448 , L0001449 , L0001450 , L0001451 , L0001452 , L0001453 , L0001454 , L0001455 ,
		L0001456 , L0001457 , L0001458 , L0001459 , L0001460 , 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   ,

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

             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   ,

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             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    ,
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    ,
 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14715
Cherry Avenue\14715 Ops\1 ***        12/15/23
 *** AERMET - VERSION  16216 ***   ***
```

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

URBAN ID	URBAN POP	SOURCE IDs
		L0001704 , L0001705 , L0001706 , L0001707 , L0001708 , L0001709 , L0001710 , L0001711 ,
		L0001712 , L0001713 , L0001714 , L0001715 , L0001716 , L0001717 , L0001718 , L0001719 ,
		STCK1 , STCK2 ,

*** DIRECTION SPECIFIC BUILDING DIMENSIONS ***

SOURCE ID: STCK1

IFV	BH	BW	BL	XADJ	YADJ	IFV	BH	BW	BL	XADJ	YADJ
1	15.5,	256.5,	168.2,	-67.8,	-114.5,	2	15.5,	265.2,	202.5,	-64.8,	-108.5,
3	15.5,	265.8,	230.6,	-59.8,	-99.2,	4	15.5,	258.4,	251.7,	-53.0,	-86.9,
5	15.5,	243.1,	265.2,	-44.6,	-72.0,	6	15.5,	220.4,	270.6,	-34.9,	-54.9,
7	15.5,	191.0,	267.8,	-24.1,	-36.1,	8	15.5,	155.8,	256.9,	-12.5,	-16.2,
9	15.5,	132.5,	241.0,	-3.5,	-4.0,	10	15.5,	168.2,	256.5,	-13.7,	16.3,
11	15.5,	202.5,	265.2,	-24.1,	36.5,	12	15.5,	230.6,	265.8,	-33.6,	55.5,
13	15.5,	251.7,	258.4,	-42.2,	72.8,	14	15.5,	265.2,	243.1,	-49.5,	88.0,
15	15.5,	270.6,	220.4,	-55.3,	100.5,	16	15.5,	267.8,	191.0,		

-59.4, 109.9,
   17   15.5, 256.9, 155.8, -61.8, 115.9,   18   15.5, 241.0, 132.5,
-62.2, 117.0,
   19   15.5, 256.5, 168.2, -100.4, 114.5,   20   15.5, 265.2, 202.5,
-137.7, 108.5,
   21   15.5, 265.8, 230.6, -170.8,   99.2,   22   15.5, 258.4, 251.7,
-198.7,   86.9,
   23   15.5, 243.1, 265.2, -220.6,   72.0,   24   15.5, 220.4, 270.6,
-235.8,   54.9,
   25   15.5, 191.0, 267.8, -243.8,   36.1,   26   15.5, 155.8, 256.9,
-244.4,   16.2,
   27   15.5, 132.5, 241.0, -237.6,   4.0,   28   15.5, 168.2, 256.5,
-242.8, -16.3,
   29   15.5, 202.5, 265.2, -241.1, -36.5,   30   15.5, 230.6, 265.8,
-232.2, -55.5,
   31   15.5, 251.7, 258.4, -216.1, -72.8,   32   15.5, 265.2, 243.1,
-193.5, -88.0,
   33   15.5, 270.6, 220.4, -165.1, -100.5,   34   15.5, 267.8, 191.0,
-131.6, -109.9,
   35   15.5, 256.9, 155.8, -94.1, -115.9,   36   15.5, 241.0, 132.5,
-70.3, -117.0,

 SOURCE ID: STCK2
  IFV   BH   BW   BL   XADJ   YADJ   IFV   BH   BW   BL   XADJ
   YADJ
    1   15.5, 256.5, 168.2, -67.8, -114.5,   2   15.5, 265.2, 202.5,
-64.8, -108.5,
    3   15.5, 265.8, 230.6, -59.8, -99.2,   4   15.5, 258.4, 251.7,
-53.0, -86.9,
    5   15.5, 243.1, 265.2, -44.6, -72.0,   6   15.5, 220.4, 270.6,
-34.9, -54.9,
    7   15.5, 191.0, 267.8, -24.1, -36.1,   8   15.5, 155.8, 256.9,
-12.5, -16.2,
    9   15.5, 132.5, 241.0,   -3.5,   -4.0,   10   15.5, 168.2, 256.5,
-13.7,   16.3,
   11   15.5, 202.5, 265.2, -24.1,   36.5,   12   15.5, 230.6, 265.8,
-33.6,   55.5,
   13   15.5, 251.7, 258.4, -42.2,   72.8,   14   15.5, 265.2, 243.1,
-49.5,   88.0,
   15   15.5, 270.6, 220.4, -55.3, 100.5,   16   15.5, 267.8, 191.0,
-59.4, 109.9,
   17   15.5, 256.9, 155.8, -61.8, 115.9,   18   15.5, 241.0, 132.5,
-62.2, 117.0,
   19   15.5, 256.5, 168.2, -100.4, 114.5,   20   15.5, 265.2, 202.5,
-137.7, 108.5,
   21   15.5, 265.8, 230.6, -170.8,   99.2,   22   15.5, 258.4, 251.7,
-198.7,   86.9,
   23   15.5, 243.1, 265.2, -220.6,   72.0,   24   15.5, 220.4, 270.6,
-235.8,   54.9,

```
   25   15.5,  191.0,  267.8, -243.8,   36.1,     26   15.5,  155.8,  256.9,
-244.4,   16.2,
   27   15.5,  132.5,  241.0, -237.6,    4.0,     28   15.5,  168.2,  256.5,
-242.8,  -16.3,
   29   15.5,  202.5,  265.2, -241.1,  -36.5,     30   15.5,  230.6,  265.8,
-232.2,  -55.5,
   31   15.5,  251.7,  258.4, -216.1,  -72.8,     32   15.5,  265.2,  243.1,
-193.5,  -88.0,
   33   15.5,  270.6,  220.4, -165.1, -100.5,     34   15.5,  267.8,  191.0,
-131.6, -109.9,
   35   15.5,  256.9,  155.8,  -94.1, -115.9,     36   15.5,  241.0,  132.5,
-70.3, -117.0,

 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14715
Cherry Avenue\14715 Ops\1 ***        12/15/23
 *** AERMET - VERSION  16216 ***   ***
                       ***        11:29:34

                                  PAGE  19
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * 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   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  .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 = 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  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   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
 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14715
Cherry Avenue\14715 Ops\1 ***        12/15/23
 *** AERMET - VERSION  16216 ***   ***
                       ***        11:29:34

                                  PAGE  20
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY
OF WEEK (HRDOW7) *

 SOURCE ID = STCK2        ; SOURCE TYPE = POINT    :
  HOUR   SCALAR   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  .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
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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  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   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
↑ *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14715
Cherry Avenue\14715 Ops\1 ***        12/15/23
 *** AERMET - VERSION  16216 ***   ***
                       ***        11:29:34

                                  PAGE  21
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(391891.2, 3747480.4, 29.0, 29.0, 0.0); (391892.0, 3747456.0, 29.0, 29.0, 0.0);
(391965.0, 3747447.6, 29.0, 29.0, 0.0); (391925.4, 3747447.6, 29.0, 29.0, 0.0);
(392089.4, 3747454.7, 29.0, 29.0, 0.0); (392112.8, 3747454.8, 29.0, 29.0, 0.0);
(392033.3, 3747443.0, 29.0, 29.0, 0.0); (392142.4, 3747442.5, 29.0, 29.0, 0.0);
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(391892.7, 3747852.0, 29.0, 29.0, 0.0); (391892.5, 3747880.5, 29.0, 29.0, 0.0);
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(391928.4, 3748118.6, 29.0, 29.0, 0.0); (391927.6,

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     ( 391893.3, 3747955.0,      29.0,      29.0,       0.0);         ( 391893.8,
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3748196.0,      29.0,      29.0,       0.0);
     ( 391927.3, 3748191.7,      29.0,      29.0,       0.0);         ( 391928.6,
3748236.1,      29.0,      29.0,       0.0);
     ( 391928.6, 3748260.0,      29.0,      29.0,       0.0);         ( 391894.4,
3748207.5,      29.0,      29.0,       0.0);
     ( 391891.1, 3748220.1,      29.0,      29.0,       0.0);         ( 391891.1,
3748231.1,      29.0,      29.0,       0.0);
     ( 391891.1, 3748243.4,      29.0,      29.0,       0.0);         ( 391891.1,
3748255.7,      29.0,      29.0,       0.0);
     ( 391895.2, 3748287.0,      29.0,      29.0,       0.0);         ( 391895.4,
3748311.1,      29.0,      29.0,       0.0);
     ( 391886.1, 3748326.9,      29.0,      29.0,       0.0);         ( 391893.8,
3748337.1,      29.0,      29.0,       0.0);
     ( 391896.5, 3748354.0,      29.0,      29.0,       0.0);         ( 391943.5,
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     ( 391942.1, 3748346.0,      29.0,      29.0,       0.0);         ( 391935.3,
3748361.9,      29.0,      29.0,       0.0);
     ( 391897.0, 3748404.4,      29.0,      29.0,       0.0);         ( 391938.9,
3748376.1,      29.0,      29.0,       0.0);
     ( 391932.5, 3748387.6,      29.0,      29.0,       0.0);         ( 391891.7,
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     ( 391929.1, 3748405.4,      29.0,      29.0,       0.0);         ( 391929.4,
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     ( 391929.7, 3748439.2,      29.0,      29.0,       0.0);         ( 391928.7,
3748454.6,      29.0,      29.0,       0.0);
     ( 391897.0, 3748453.1,      29.0,      29.0,       0.0);         ( 391866.1,
3747496.0,      29.0,      29.0,       0.0);
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     ( 391854.2, 3747514.0,      29.0,      29.0,       0.0);         ( 391855.2,
3747538.9,      29.0,      29.0,       0.0);
↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14715
Cherry Avenue\14715 Ops\1 ***        12/15/23
 *** AERMET - VERSION  16216 ***   ***
                        ***       11:29:34
```

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

(391855.5, 3747549.8, 29.0, 29.0, 0.0); (392423.8, 3747240.4, 29.0, 29.0, 0.0);
(391889.9, 3747651.9, 29.0, 29.0, 0.0); (391854.0, 3747577.0, 29.0, 29.0, 0.0);
(391854.2, 3747603.1, 29.0, 29.0, 0.0); (391855.0, 3747615.6, 29.0, 29.0, 0.0);
(391855.6, 3747626.4, 29.0, 29.0, 0.0); (391854.1, 3747455.5, 29.0, 29.0, 0.0);
(391853.4, 3747443.5, 29.0, 29.0, 0.0); (391888.7, 3747380.1, 29.0, 29.0, 0.0);
(391853.6, 3747430.3, 29.0, 29.0, 0.0); (391842.3, 3747485.1, 29.0, 29.0, 0.0);
(391705.1, 3747221.2, 29.0, 29.0, 0.0); (391890.3, 3747198.7, 29.0, 29.0, 0.0);
(391791.8, 3747248.3, 29.0, 29.0, 0.0); (391949.7, 3747281.3, 29.0, 29.0, 0.0);
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(392329.9, 3747221.8, 29.0, 29.0, 0.0); (392324.0, 3747121.0, 29.0, 29.0, 0.0);
(392229.1, 3747286.8, 29.0, 29.0, 0.0); (392136.5, 3747240.6, 29.0, 29.0, 0.0);
(391855.0, 3747279.9, 29.0, 29.0, 0.0); (392423.3, 3747128.9, 29.0, 29.0, 0.0);
(391886.6, 3747060.7, 29.0, 29.0, 0.0); (391879.1, 3746997.1, 29.0, 29.0, 0.0);
(391941.7, 3747060.7, 29.0, 29.0, 0.0); (391925.5, 3747143.1, 29.0, 29.0, 0.0);
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(391954.4, 3747977.3, 29.0, 29.0, 0.0); (391862.0, 3747248.5, 29.0, 29.0, 0.0);
(392161.7, 3747457.7, 29.0, 29.0, 0.0); (391709.5, 3747248.0, 29.0, 29.0, 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
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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: KLGB_V9_ADJU\KLGB_v9.SFC
Met Version: 16216
Profile file: KLGB_V9_ADJU\KLGB_v9.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 23129 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	-5.3	0.094	-9.000	-9.000	-999.	70.	14.3	0.10	2.68	1.00	1.13	322.	7.9	282.0	2.0
12	01	01	1	02	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.10	2.68	1.00	0.00	0.	7.9	281.4	2.0
12	01	01	1	03	-2.5	0.068	-9.000	-9.000	-999.	43.	11.4	0.10	2.68	1.00	0.74	79.	7.9	280.9	2.0
12	01	01	1	04	-3.2	0.075	-9.000	-9.000	-999.	49.	11.7	0.10	2.68	1.00	0.86	137.	7.9	280.9	2.0
12	01	01	1	05	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.10	2.68	1.00	0.00	0.	7.9	280.4	2.0
12	01	01	1	06	-5.2	0.093	-9.000	-9.000	-999.	68.	14.0	0.10	2.68	1.00	1.11	92.	7.9	279.9	2.0
12	01	01	1	07	-2.3	0.066	-9.000	-9.000	-999.	41.	11.5	0.10	2.68	1.00	0.69	67.	7.9	278.8	2.0
12	01	01	1	08	-1.7	0.060	-9.000	-9.000	-999.	36.	11.4	0.10	2.68	0.54	0.65	91.	7.9	279.9	2.0
12	01	01	1	09	36.2	-9.000	-9.000	-9.000	37.	-999.	-99999.0	0.10	2.68	0.31	0.00	0.	7.9	283.8	2.0
12	01	01	1	10	108.4	0.139	0.707	0.009	119.	124.	-2.3	0.10	2.68	0.24	0.92	319.	7.9	287.5	2.0
12	01	01	1	11	160.5	0.114	1.137	0.005	334.	93.	-1.0	0.10	2.68	0.21	0.62	23.	7.9	292.5	2.0
12	01	01	1	12	186.7	0.125	1.473	0.005	623.	105.	-1.0	0.10	2.68	0.20	0.69	18.	7.9	295.4	2.0
12	01	01	1	13	186.8	0.130	1.761	0.005	1065.	112.	-1.1	0.10	2.68	0.20	0.74	250.	7.9	297.5	2.0
12	01	01	1	14	161.7	0.150	1.834	0.005	1387.	139.	-1.9	0.10	2.68	0.21	0.96	347.	7.9	300.4	2.0
12	01	01	1	15	105.5	0.243	1.633	0.005	1499.	288.	-12.4	0.10	2.68	0.24	2.11	194.	7.9	295.9	2.0
12	01	01	1	16	32.4	0.211	1.109	0.005	1530.	233.	-26.3	0.10	2.68	0.33	1.98	186.	7.9	295.4	2.0
12	01	01	1	17	-20.5	0.250	-9.000	-9.000	-999.	300.	69.2	0.10	2.68	0.60	2.81	293.	7.9	291.4	2.0
12	01	01	1	18	-25.4	0.257	-9.000	-9.000	-999.	313.	72.8	0.10	2.68	1.00	2.90	301.	7.9	288.1	2.0
12	01	01	1	19	-21.0	0.211	-9.000	-9.000	-999.	233.	49.0	0.10	2.68	1.00	2.40	313.	7.9	286.4	2.0
12	01	01	1	20	-25.7	0.258	-9.000	-9.000	-999.	315.	73.3	0.10	2.68	1.00	2.91	302.	7.9	286.4	2.0
12	01	01	1	21	-22.5	0.225	-9.000	-9.000	-999.	256.	55.7	0.10	2.68						

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1.00    2.55  306.    7.9  285.4    2.0
 12 01 01   1 22   -9.3  0.126 -9.000 -9.000 -999.  111.     19.5  0.10   2.68
1.00    1.48  284.    7.9  285.9    2.0
 12 01 01   1 23  -21.4  0.214 -9.000 -9.000 -999.  237.     50.3  0.10   2.68
1.00    2.43  282.    7.9  285.4    2.0
 12 01 01   1 24  -30.1  0.300 -9.000 -9.000 -999.  394.     98.9  0.10   2.68
1.00    3.36  300.    7.9  284.2    2.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 12 01 01 01    7.9 1  322.    1.13   282.1   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
↑ *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14715
Cherry Avenue\14715 Ops\1 ***        12/15/23
 *** AERMET - VERSION  16216 ***   ***
                       ***        11:29:34

                                  PAGE  25
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0001384    , L0001385
 , L0001386    , L0001387    , L0001388    ,
                 L0001389    , L0001390    , L0001391    , L0001392    , L0001393
 , L0001394    , L0001395    , L0001396    ,
                 L0001397    , L0001398    , L0001399    , L0001400    , L0001401
 , L0001402    , L0001403    , L0001404    ,
                 L0001405    , L0001406    , L0001407    , L0001408    , L0001409
 , L0001410    , L0001411    ,  . . .      ,

                                            *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - -
         391891.24    3747480.41        0.01479                      391892.01
3747456.00        0.01323
         391965.04    3747447.61        0.02626                      391925.38
3747447.61        0.01762
         392089.38    3747454.66        0.06272                      392112.83
3747454.85        0.06578
         392033.31    3747443.03        0.04027                      392142.39
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3747442.46 0.05437
392336.71 3747437.69 0.03069 392429.96
3747448.18 0.01339
392412.42 3747555.73 0.01180 392343.77
3747480.03 0.03336
392215.51 3747457.59 0.08960 392161.48
3747408.94 0.03399
391879.25 3747513.22 0.01351 391891.65
3747546.98 0.01552
391891.84 3747573.68 0.01491 391884.40
3747601.90 0.01346
391891.08 3747641.76 0.01413 391889.35
3747663.46 0.01274
391883.45 3747699.92 0.01026 391881.92
3747730.82 0.00913
391884.40 3747754.47 0.00869 391885.36
3747780.40 0.00812
391883.83 3747768.01 0.00829 391493.56
3748488.26 0.00090
391947.12 3747875.71 0.00680 391983.08
3747875.94 0.00647
391885.46 3747791.74 0.00786 391889.32
3747804.03 0.00792
391887.50 3747815.86 0.00751 391874.76
3747826.10 0.00651
391892.74 3747852.04 0.00730 391892.51
3747880.49 0.00681
392032.89 3747873.67 0.00657 392140.29
3747873.36 0.00658
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3747518.42 0.00615
392655.00 3747574.84 0.00312 392733.47
3747870.77 0.00170
391927.56 3747940.84 0.00659 391927.83
3747987.42 0.00607
391940.95 3748045.52 0.00485 391926.76
3748083.27 0.00542
391928.37 3748118.62 0.00508 391927.56
3748149.14 0.00500
391892.49 3747904.69 0.00645 391891.96
3747917.81 0.00623
391891.15 3747931.74 0.00599 391885.26
3747942.98 0.00545
391893.29 3747955.03 0.00591 391893.83
3747978.59 0.00571
391893.03 3747994.39 0.00548 391885.80
3748035.62 0.00464
391893.83 3748088.36 0.00482 391894.63
3748143.78 0.00456
391894.10 3748120.49 0.00465 391894.63

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3748155.30        0.00450
         391891.15    3748182.87        0.00410                       391893.03
3748195.99        0.00417
         391927.30    3748191.71        0.00484                       391928.64
3748236.15        0.00456
         391928.64    3748259.98        0.00449                       391894.37
3748207.50        0.00423
         391891.15    3748220.09        0.00394                       391891.15
3748231.06        0.00389
         391891.15    3748243.38        0.00384                       391891.15
3748255.70        0.00380
         391895.17    3748287.02        0.00398                       391895.44
3748311.12        0.00392
         391886.07    3748326.91        0.00327                       391893.83
3748337.09        0.00371
         391896.46    3748353.98        0.00387                       391943.47
3748329.02        0.00343
         391942.12    3748346.05        0.00344                       391935.35
3748361.91        0.00374
         391897.02    3748404.40        0.00377                       391938.93
3748376.12        0.00352
         391932.47    3748387.64        0.00388                       391891.74
3748427.33        0.00332
 *** AERMOD - VERSION 23132  ***   *** C:\Users\Michael Tirohn\Desktop\HRAs\14715
Cherry Avenue\14715 Ops\1 ***        12/15/23
 *** AERMET - VERSION  16216 ***   ***
                        ***        11:29:34

                                   PAGE  26
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0001384    , L0001385
 , L0001386    , L0001387    , L0001388    ,
                 L0001389    , L0001390    , L0001391    , L0001392    , L0001393
 , L0001394    , L0001395    , L0001396    ,
                 L0001397    , L0001398    , L0001399    , L0001400    , L0001401
 , L0001402    , L0001403    , L0001404    ,
                 L0001405    , L0001406    , L0001407    , L0001408    , L0001409
 , L0001410    , L0001411    ,  . . .      ,

                                              *** 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
```

- -

391929.07	3748405.45	0.00411	391929.40	3748424.21	0.00405
391929.73	3748439.17	0.00400	391928.74	3748454.63	0.00406
391897.00	3748453.15	0.00364	391866.08	3747495.99	0.01149
391854.46	3747480.49	0.00990	391855.46	3747526.86	0.01062
391854.21	3747513.99	0.01047	391855.21	3747538.86	0.01061
391855.46	3747549.85	0.01057	392423.79	3747240.43	0.00682
391889.87	3747651.95	0.01343	391853.95	3747577.01	0.01017
391854.20	3747603.13	0.00985	391854.95	3747615.63	0.00975
391855.57	3747626.38	0.00965	391854.14	3747455.54	0.00919
391853.42	3747443.48	0.00879	391888.71	3747380.11	0.00861
391853.60	3747430.34	0.00841	391842.26	3747485.07	0.00901
391705.13	3747221.17	0.00256	391890.27	3747198.72	0.00399
391791.77	3747248.29	0.00349	391949.67	3747281.26	0.00675
391985.25	3747284.90	0.00750	391940.70	3747246.23	0.00560
392329.91	3747221.85	0.00685	392324.03	3747120.98	0.00418
392229.13	3747286.81	0.01076	392136.50	3747240.65	0.00761
391854.99	3747279.92	0.00479	392423.35	3747128.94	0.00420
391886.64	3747060.69	0.00253	391879.06	3746997.07	0.00206
391941.70	3747060.69	0.00270	391925.54	3747143.11	0.00352
392746.87	3747239.16	0.00306	392723.45	3747205.70	0.00320
391954.43	3747977.29	0.00512	391862.05	3747248.50	0.00437
392161.72	3747457.66	0.07429	391709.51	3747247.99	0.00274

 *** 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	0.08960 AT (392215.51, 3747457.59, 29.00, 29.00, 0.00)	DC	
	2ND HIGHEST VALUE IS	0.07429 AT (392161.72, 3747457.66, 29.00, 29.00, 0.00)	DC	
	3RD HIGHEST VALUE IS	0.06578 AT (392112.83, 3747454.85, 29.00, 29.00, 0.00)	DC	
	4TH HIGHEST VALUE IS	0.06272 AT (392089.38, 3747454.66, 29.00, 29.00, 0.00)	DC	
	5TH HIGHEST VALUE IS	0.05437 AT (392142.39, 3747442.46, 29.00, 29.00, 0.00)	DC	
	6TH HIGHEST VALUE IS	0.04027 AT (392033.31, 3747443.03, 29.00, 29.00, 0.00)	DC	
	7TH HIGHEST VALUE IS	0.03399 AT (392161.48, 3747408.94, 29.00, 29.00, 0.00)	DC	
	8TH HIGHEST VALUE IS	0.03336 AT (392343.77, 3747480.03, 29.00, 29.00, 0.00)	DC	
	9TH HIGHEST VALUE IS	0.03069 AT (392336.71, 3747437.69, 29.00, 29.00, 0.00)	DC	
	10TH HIGHEST VALUE IS	0.02626 AT (391965.04, 3747447.61, 29.00, 29.00, 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            3 Warning Message(s)
A Total of         1017 Informational Message(s)

A Total of        43848 Hours Were Processed

A Total of          747 Calm Hours Identified

A Total of          270 Missing Hours Identified (  0.62 Percent)


   ******** FATAL ERROR MESSAGES ********
              ***  NONE  ***


   ********   WARNING MESSAGES   ********
SO W320     897        PPARM: Input Parameter May Be Out-of-Range for Parameter
       VS
ME W186    1040       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
ME W187    1040       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


   ***********************************
   *** AERMOD Finishes Successfully ***
   ***********************************
```

APPENDIX 2.4:

RISK CALCULATIONS

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Construction 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	0 to 2	0.00851	250	1.03	1090	1	70	1.00	10	3.0E-04	1.1E+00	6.4E-06	0.98	5.0E+00	1.4E-03	1.7E-03						
												Total	0.98			1.7E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2	0 to 2	0.00476	250	1.03	1090	1	70	1.00	10	3.0E-04	1.1E+00	3.6E-06	0.55	5.0E+00	1.4E-03	9.5E-04						
												Total	0.55			9.5E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
3	16 to 41	0.00312	250	1.03	230	1	70	1.00	1	3.0E-04	1.1E+00	4.9E-07	0.01	5.0E+00	1.4E-03	6.2E-04						
												Total	0.01			6.2E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
4	16 to 41	0.02426	250	1.03	230	1	70	1.00	1	3.0E-04	1.1E+00	3.8E-06	0.06	5.0E+00	1.4E-03	4.9E-03						
												Total	0.06			4.9E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
5	0 to 2	0.01981	250	1.03	1090	1	70	1.00	10	3.0E-04	1.1E+00	1.5E-05	2.29	5.0E+00	1.4E-03	4.0E-03						
												Total	2.29			4.0E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
6 (MEIR)	0 to 2	0.02922	250	1.03	1090	1	70	1.00	10	3.0E-04	1.1E+00	2.2E-05	3.38	5.0E+00	1.4E-03	5.8E-03						
												Total	3.38			5.8E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
7	16 to 41	0.05589	250	1.03	230	1	70	1.00	1	3.0E-04	1.1E+00	8.8E-06	0.14	5.0E+00	1.4E-03	1.1E-02						
												Total	0.14			1.1E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
8 (MEIW)	16 to 41	0.10120	250	1.03	230	1	70	1.00	1	3.0E-04	1.1E+00	1.6E-05	0.25	5.0E+00	1.4E-03	2.0E-02						
												Total	0.25			2.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
9 (MEISC)	4 to 13	0.00177	180	1.03	572	1	70	1.00	3	3.0E-04	1.1E+00	5.0E-07	0.02	5.0E+00	1.4E-03	3.5E-04						
												Total	0.02			3.5E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

Operational Risk - Option 1

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	-0.25 to 0	0.00064	350	0.25	361	1	70	0.85	10	3.0E-04	1.1E+00	2.2E-07	0.01	5.0E+00	1.4E-03	1.3E-04						
	0 to 2	0.00064	350	2	1090	1	70	0.85	10	3.0E-04	1.1E+00	6.7E-07	0.17	5.0E+00	1.4E-03	1.3E-04						
	2 to 16	0.00064	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	3.5E-07	0.16	5.0E+00	1.4E-03	1.3E-04						
	16 to 30	0.00064	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	1.6E-07	0.02	5.0E+00	1.4E-03	1.3E-04						
												Total	0.36			5.1E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2	-0.25 to 0	0.00042	350	0.25	361	1	70	0.85	10	3.0E-04	1.1E+00	1.5E-07	0.00	5.0E+00	1.4E-03	8.4E-05						
	0 to 2	0.00042	350	2	1090	1	70	0.85	10	3.0E-04	1.1E+00	4.4E-07	0.11	5.0E+00	1.4E-03	8.4E-05						
	2 to 16	0.00042	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	2.3E-07	0.10	5.0E+00	1.4E-03	8.4E-05						
	16 to 30	0.00042	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	8.4E-05						
												Total	0.24			3.4E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
3	16 to 41	0.00036	250	25	230	1	70	1.00	1	3.0E-04	1.1E+00	5.7E-08	0.02	5.0E+00	1.4E-03	7.2E-05						
												Total	0.02			7.2E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
4	16 to 41	0.00145	250	25	230	1	70	1.00	1	3.0E-04	1.1E+00	2.3E-07	0.09	5.0E+00	1.4E-03	2.9E-04						
												Total	0.09			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	0.00129	350	0.25	361	1	70	0.85	10	3.0E-04	1.1E+00	4.5E-07	0.01	5.0E+00	1.4E-03	2.6E-04						
	0 to 2	0.00129	350	2	1090	1	70	0.85	10	3.0E-04	1.1E+00	1.3E-06	0.34	5.0E+00	1.4E-03	2.6E-04						
	2 to 16	0.00129	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	7.1E-07	0.32	5.0E+00	1.4E-03	2.6E-04						
	16 to 30	0.00129	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	3.2E-07	0.05	5.0E+00	1.4E-03	2.6E-04						
												Total	0.73			1.0E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
6 (MEIR)	-0.25 to 0	0.00188	350	0.25	361	1	70	0.85	10	3.0E-04	1.1E+00	6.5E-07	0.02	5.0E+00	1.4E-03	3.8E-04						
	0 to 2	0.00188	350	2	1090	1	70	0.85	10	3.0E-04	1.1E+00	2.0E-06	0.50	5.0E+00	1.4E-03	3.8E-04						
	2 to 16	0.00188	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	1.0E-06	0.47	5.0E+00	1.4E-03	3.8E-04						
	16 to 30	0.00188	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	4.7E-07	0.07	5.0E+00	1.4E-03	3.8E-04						
												Total	1.06			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	0.00250	250	25	230	1	70	1.00	1	3.0E-04	1.1E+00	3.9E-07	0.15	5.0E+00	1.4E-03	5.0E-04						
												Total	0.15			5.0E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
8 (MEIW)	16 to 41	0.00551	250	25	230	1	70	1.00	1	3.0E-04	1.1E+00	8.7E-07	0.33	5.0E+00	1.4E-03	1.1E-03						
												Total	0.33			1.1E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
9 (MEISC)	4 to 13	0.00022	180	9.00	572	1	70	1.00	3	3.0E-04	1.1E+00	6.2E-08	0.03	5.0E+00	1.4E-03	4.4E-05						
												Total	0.03			4.4E-05	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

Operational Risk - Alternative 4

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	-0.25 to 0	0.00512	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	0.00512	350	2	1090	1	70	0.85	10	3.0E-04	1.1E+00	5.4E-06	1.36	5.0E+00	1.4E-03	1.0E-03						
	2 to 16	0.00512	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	2.8E-06	1.27	5.0E+00	1.4E-03	1.0E-03						
	16 to 30	0.00512	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	1.3E-06	0.20	5.0E+00	1.4E-03	1.0E-03						
												Total	2.89			4.1E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2	-0.25 to 0	0.00682	350	0.25	361	1	70	0.85	10	3.0E-04	1.1E+00	2.4E-06	0.08	5.0E+00	1.4E-03	1.4E-03						
	0 to 2	0.00682	350	2	1090	1	70	0.85	10	3.0E-04	1.1E+00	7.1E-06	1.82	5.0E+00	1.4E-03	1.4E-03						
	2 to 16	0.00682	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	3.7E-06	1.70	5.0E+00	1.4E-03	1.4E-03						
	16 to 30	0.00682	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	1.7E-06	0.26	5.0E+00	1.4E-03	1.4E-03						
												Total	3.85			5.5E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
3	16 to 41	0.00437	250	25	230	1	70	1.00	1	3.0E-04	1.1E+00	6.9E-07	0.26	5.0E+00	1.4E-03	8.7E-04						
												Total	0.26			8.7E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
4	16 to 41	0.01323	250	25	230	1	70	1.00	1	3.0E-04	1.1E+00	2.1E-06	0.78	5.0E+00	1.4E-03	2.6E-03						
												Total	0.78			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	0.01062	350	0.25	361	1	70	0.85	10	3.0E-04	1.1E+00	3.7E-06	0.12	5.0E+00	1.4E-03	2.1E-03						
	0 to 2	0.01062	350	2	1090	1	70	0.85	10	3.0E-04	1.1E+00	1.1E-05	2.83	5.0E+00	1.4E-03	2.1E-03						
	2 to 16	0.01062	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	5.8E-06	2.64	5.0E+00	1.4E-03	2.1E-03						
	16 to 30	0.01062	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	2.7E-06	0.41	5.0E+00	1.4E-03	2.1E-03						
												Total	6.00			8.5E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
6 (MEIR)	-0.25 to 0	0.01343	350	0.25	361	1	70	0.85	10	3.0E-04	1.1E+00	4.6E-06	0.15	5.0E+00	1.4E-03	2.7E-03						
	0 to 2	0.01343	350	2	1090	1	70	0.85	10	3.0E-04	1.1E+00	1.4E-05	3.58	5.0E+00	1.4E-03	2.7E-03						
	2 to 16	0.01343	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	7.4E-06	3.34	5.0E+00	1.4E-03	2.7E-03						
	16 to 30	0.01343	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	3.4E-06	0.52	5.0E+00	1.4E-03	2.7E-03						
												Total	7.58			1.1E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
7	16 to 41	0.02626	250	25	230	1	70	1.00	1	3.0E-04	1.1E+00	4.1E-06	1.55	5.0E+00	1.4E-03	5.3E-03						
												Total	1.55			5.3E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
8 (MEIW)	16 to 41	0.08960	250	25	230	1	70	1.00	1	3.0E-04	1.1E+00	1.4E-05	5.29	5.0E+00	1.4E-03	1.8E-02						
												Total	5.29			1.8E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
9 (MEISC)	4 to 13	0.00274	180	9.00	572	1	70	1.00	3	3.0E-04	1.1E+00	7.7E-07	0.31	5.0E+00	1.4E-03	5.5E-04						
												Total	0.31			5.5E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

Combined Construction and Operational Risk - Project

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	0.00851	250	1.03	1090	1	70	1.00	10	3.0E-04	1.1E+00	6.4E-06	0.98	5.0E+00	1.4E-03	1.7E-03						
	0 to 2	0.00064	350	0.97	1090	1	70	0.85	10	3.0E-04	1.1E+00	6.7E-07	0.08	5.0E+00	1.4E-03	1.3E-04						
	2 to 16	0.00064	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	3.5E-07	0.16	5.0E+00	1.4E-03	1.3E-04						
	16 to 30	0.00064	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	1.6E-07	0.02	5.0E+00	1.4E-03	1.3E-04						
												Total	1.25			2.1E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2	0 to 2	0.00476	250	1.03	1090	1	70	1.00	10	3.0E-04	1.1E+00	3.6E-06	0.55	5.0E+00	1.4E-03	9.5E-04						
	0 to 2	0.00042	350	0.97	1090	1	70	0.85	10	3.0E-04	1.1E+00	4.4E-07	0.05	5.0E+00	1.4E-03	8.4E-05						
	2 to 16	0.00042	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	2.3E-07	0.10	5.0E+00	1.4E-03	8.4E-05						
	16 to 30	0.00042	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	8.4E-05						
												Total	0.73			1.2E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
3	16 to 41	0.00312	250	1.03	230	1	70	1.00	1	3.0E-04	1.1E+00	4.9E-07	0.01	5.0E+00	1.4E-03	6.2E-04						
	16 to 41	0.00036	250	23.97	230	1	70	1.00	1	3.0E-04	1.1E+00	5.7E-08	0.02	5.0E+00	1.4E-03	7.2E-05						
												Total	0.03			7.0E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
4	16 to 41	0.02426	250	1.03	230	1	70	1.00	1	3.0E-04	1.1E+00	3.8E-06	0.06	5.0E+00	1.4E-03	4.9E-03						
	16 to 41	0.00145	250	23.97	230	1	70	1.00	1	3.0E-04	1.1E+00	2.3E-07	0.08	5.0E+00	1.4E-03	2.9E-04						
												Total	0.14			5.1E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
5	0 to 2	0.01981	250	1.03	1090	1	70	1.00	10	3.0E-04	1.1E+00	1.5E-05	2.29	5.0E+00	1.4E-03	4.0E-03						
	0 to 2	0.00129	350	0.97	1090	1	70	0.85	10	3.0E-04	1.1E+00	1.3E-06	0.17	5.0E+00	1.4E-03	2.6E-04						
	2 to 16	0.00129	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	7.1E-07	0.32	5.0E+00	1.4E-03	2.6E-04						
	16 to 30	0.00129	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	3.2E-07	0.05	5.0E+00	1.4E-03	2.6E-04						
												Total	2.83			4.7E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
6 (MEIR)	0 to 2	0.02922	250	1.03	1090	1	70	1.00	10	3.0E-04	1.1E+00	2.2E-05	3.38	5.0E+00	1.4E-03	5.8E-03						
	0 to 2	0.00188	350	0.97	1090	1	70	0.85	10	3.0E-04	1.1E+00	2.0E-06	0.24	5.0E+00	1.4E-03	3.8E-04						
	2 to 16	0.00188	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	1.0E-06	0.47	5.0E+00	1.4E-03	3.8E-04						
	16 to 30	0.00188	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	4.7E-07	0.07	5.0E+00	1.4E-03	3.8E-04						
												Total	4.16			7.0E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
7	16 to 41	0.05589	250	1.03	230	1	70	1.00	1	3.0E-04	1.1E+00	8.8E-06	0.14	5.0E+00	1.4E-03	1.1E-02						
	16 to 41	0.00250	250	23.97	230	1	70	1.00	1	3.0E-04	1.1E+00	3.9E-07	0.14	5.0E+00	1.4E-03	5.0E-04						
												Total	0.28			1.2E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
8 (MEIW)	16 to 41	0.10120	250	1.03	230	1	70	1.00	1	3.0E-04	1.1E+00	1.6E-05	0.25	5.0E+00	1.4E-03	2.0E-02						
	16 to 41	0.00551	250	23.97	230	1	70	1.00	1	3.0E-04	1.1E+00	8.7E-07	0.31	5.0E+00	1.4E-03	1.1E-03						
												Total	0.56			2.1E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
9 (MEISC)	4 to 13	0.00177	180	1.03	572	1	70	1.00	3	3.0E-04	1.1E+00	5.0E-07	0.02	5.0E+00	1.4E-03	3.5E-04						
	4 to 13	0.00022	180	7.97	572	1	70	1.00	3	3.0E-04	1.1E+00	6.2E-08	0.02	5.0E+00	1.4E-03	4.4E-05						
												Total	0.05			4.0E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00

Combined Construction and Operational Risk - Alternative 4

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	0.00851	250	1.03	1090	1	70	1.00	10	3.0E-04	1.1E+00	6.4E-06	0.98	5.0E+00	1.4E-03	1.7E-03						
	0 to 2	0.00512	350	0.97	1090	1	70	0.85	10	3.0E-04	1.1E+00	5.4E-06	0.66	5.0E+00	1.4E-03	1.0E-03						
	2 to 16	0.00512	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	2.8E-06	1.27	5.0E+00	1.4E-03	1.0E-03						
	16 to 30	0.00512	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	3.11			4.8E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
2	0 to 2	0.00476	250	1.03	1090	1	70	1.00	10	3.0E-04	1.1E+00	3.6E-06	0.55	5.0E+00	1.4E-03	9.5E-04						
	0 to 2	0.00682	350	0.97	1090	1	70	0.85	10	3.0E-04	1.1E+00	7.1E-06	0.88	5.0E+00	1.4E-03	1.4E-03						
	2 to 16	0.00682	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	3.7E-06	1.70	5.0E+00	1.4E-03	1.4E-03						
	16 to 30	0.00682	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	1.7E-06	0.26	5.0E+00	1.4E-03	1.4E-03						
												Total	3.39			5.0E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
3	16 to 41	0.00312	250	1.03	230	1	70	1.00	1	3.0E-04	1.1E+00	4.9E-07	0.01	5.0E+00	1.4E-03	6.2E-04						
	16 to 41	0.00437	250	23.97	230	1	70	1.00	1	3.0E-04	1.1E+00	6.9E-07	0.25	5.0E+00	1.4E-03	8.7E-04						
												Total	0.26			1.5E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
4	16 to 41	0.02426	250	1.03	230	1	70	1.00	1	3.0E-04	1.1E+00	3.8E-06	0.06	5.0E+00	1.4E-03	4.9E-03						
	16 to 41	0.01323	250	23.97	230	1	70	1.00	1	3.0E-04	1.1E+00	2.1E-06	0.75	5.0E+00	1.4E-03	2.6E-03						
												Total	0.81			7.5E-03	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
5	0 to 2	0.01981	250	1.03	1090	1	70	1.00	10	3.0E-04	1.1E+00	1.5E-05	2.29	5.0E+00	1.4E-03	4.0E-03						
	0 to 2	0.01062	350	0.97	1090	1	70	0.85	10	3.0E-04	1.1E+00	1.1E-05	1.37	5.0E+00	1.4E-03	2.1E-03						
	2 to 16	0.01062	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	5.8E-06	2.64	5.0E+00	1.4E-03	2.1E-03						
	16 to 30	0.01062	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	2.7E-06	0.41	5.0E+00	1.4E-03	2.1E-03						
												Total	6.71			1.0E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
6 (MEIR)	0 to 2	0.02922	250	1.03	1090	1	70	1.00	10	3.0E-04	1.1E+00	2.2E-05	3.38	5.0E+00	1.4E-03	5.8E-03						
	0 to 2	0.01343	350	0.97	1090	1	70	0.85	10	3.0E-04	1.1E+00	1.4E-05	1.73	5.0E+00	1.4E-03	2.7E-03						
	2 to 16	0.01343	350	14	572	1	70	0.72	3	3.0E-04	1.1E+00	7.4E-06	3.34	5.0E+00	1.4E-03	2.7E-03						
	16 to 30	0.01343	350	14	261	1	70	0.73	1	3.0E-04	1.1E+00	3.4E-06	0.52	5.0E+00	1.4E-03	2.7E-03						
												Total	8.97			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	0.05589	250	1.03	230	1	70	1.00	1	3.0E-04	1.1E+00	8.8E-06	0.14	5.0E+00	1.4E-03	1.1E-02						
	16 to 41	0.02626	250	23.97	230	1	70	1.00	1	3.0E-04	1.1E+00	4.1E-06	1.49	5.0E+00	1.4E-03	5.3E-03						
												Total	1.62			1.6E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
8 (MEIW)	16 to 41	0.10120	250	1.03	230	1	70	1.00	1	3.0E-04	1.1E+00	1.6E-05	0.25	5.0E+00	1.4E-03	2.0E-02						
	16 to 41	0.08960	250	23.97	230	1	70	1.00	1	3.0E-04	1.1E+00	1.4E-05	5.07	5.0E+00	1.4E-03	1.8E-02						
												Total	5.32			3.8E-02	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
9 (MEISC)	4 to 13	0.00177	180	1.03	572	1	70	1.00	3	3.0E-04	1.1E+00	5.0E-07	0.02	5.0E+00	1.4E-03	3.5E-04						
	4 to 13	0.00274	180	7.97	572	1	70	1.00	3	3.0E-04	1.1E+00	7.7E-07	0.28	5.0E+00	1.4E-03	5.5E-04						
												Total	0.30			9.0E-04	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00